STORAGE

DEPARTMENT OF MARINE AND FISHERIES, CANADA.
METEOROLOGICAL SERVICE.

Monthly Weather Review

VOL. XXXIX. JANUARY, 1915 No. 1

INTRODUCTION.

In compiling the present Review, the principal data made use of are the telegraphic reports of observations received at this office for the purpose of weather forecasting, and reports by mail from voluntary observers and storm-signal agents. For the data used in tracing the paths of areas of high and low pressure in the United States, we are indebted to the Chief of the Weather Bureau, Washington, D.C.

HIGH AREAS.

Ten areas of high pressure were charted. Six first appeared in the northwestern portion of the continent, and four on the west Pacific coast of the United States. Seven of the areas passed either over or in close proximity to the Great Lakes. Of the four from the west Pacific coast, three dispersed before they had proceeded far.

The systems were not of the energetic type often prevailing in January. They were, also, not accompanied by any marked degree of cold.

LOW AREAS.

Fourteen areas of low pressure were charted. Seven first appeared on the Alaskan coast, one on the coast of the Middle Pacific States, three over the western shores of the Gulf of Mexico, and three on the Atlantic Ocean. One area passed far to the northward of, seven in close proximity to, the Great Lakes. The remainder took a course either up or well off the Atlantic seaboard.

Several of the areas displayed considerable energy, but in the majority of cases the systems were not as energetic as they usually are at this season of the year.

ATMOSPHERIC PRESSURE.

The differences from normal mean monthly pressure were as follows: Dawson, —.53; Barkerville, —.09; Victoria, .10; Kamloops, .09; Banff, —.10; Edmonton, —.18; Battleford, .12; Prince Albert, —.12; Calgary, —.18; Medicine Hat, .11; Swift Current, .11; Qu'Appelle, .10; Minnedosa, .06; Winnipeg, —.06; Port Arthur, —.06; White River, .03; Parry Sound, .02; Southampton, —.02; Port Stanley, .01; Toronto, —.03; Kingston, .07; Stonecliffe, —.09; Montreal, .06; Quebec, .07; Father Point, .08; Charlottetown, —.13; Yarmouth, —.12; Halifax, —.14; Sydney, —.14; St. John, —.11; St. John's, .05; Prospect Fort, Bermuda, —.04.

GENERAL SYNOPSIS OF TEMPERATURE AND PRECIPITATION.

The following table is intended to show the average values of temperature and precipitation for each province for the month under review. District and Provincial means would, under ideal conditions, be derived from stations situated in equi-areal squares. But since in reality they are so situate as to appear, rather, constellation-wise upon the map, anomalous values arising from local topographical peculiarities may have received more than their just weight in the computation of the following averages.

Where no difference from normal is assigned, observations over a period long enough for reference are not available.

PROVINCE AND DISTRICT.	Temperature (Fahr.).						Precipitation.				
	Mean Daily.	Mean Daily Maximum.	Mean Daily Minimum.	Mean Daily Range	Extreme Highest.	Extreme Lowest.	Total in Inches	Difference from Normal.	Number of Days.	Greatest Fall.	STATION DIFFERENCES FROM NORMAL TEMPERATURE
British Columbia—								°C.			
South Vancouver Island	38	43	33	10	57	18	4.75	—32	14	3.35	0° to 2°
North Vancouver Island	39	44	34	10	54	24	7.40	—32	16	1.74	+2°
Lower Fraser River	37	42	32	10	54	16	6.31	—10	13	2.02	0° to +3°
Lillooet Lake	26	32	20	12	38	— 4	3.25	—	11	0.80	
Upper Fraser River	18	27	9	18	59	—21	0.45	—75	4	0.30	+2° to +5°
Okanagan and Similkameen Valleys	22	30	14	16	45	—19	0.85	—25	7	0.45	0° to +3°
West Kootenay	24	30	18	12	43	—14	1.35	—60	11	0.60	0° to +2°
East Kootenay	16	25	7	18	46	—23	1.05	+12	6	1.00	—1° at Elko
Thompson River	22	29	15	14	48	—14	1.57	— 8	9	0.70	—3° to +5°
North Columbia River	17	23	10	13	38	—20	3.30	—35	8	1.90	0° to +3°
North Coast	33	37	28	9	54	7	5.80	—55	14	3.20	+6.5° at Bella Coola
Queen Charlotte Islands	37	41	32	9	48	26	7.55	+25	18	1.62	+2°
Alberta—											
North Saskatchewan River	8	19	— 2	21	51	—44	0.70	+50	4	1.00	+3°
The Red Deer River	11	22	0	22	47	—48	0.50	—10	5	0.70	—4° to +7°
The Bow River	16	27	6	21	52	—32	0.80	+15	6	0.70	—1° to +10°
Athabasca River	5	18	— 7	25	44	—45	0.45	—35	1	0.45	+3°
Peace River	....	....	....	....	....	....	....	....	....	....	
Saskatchewan—											
Qu'Appelle River	2	12	— 7	19	47	—48	0.30	— 45	3	0.33	—2° to +10°
S. Saskatchewan River	8	18	— 2	20	44	—41	0.45	— 60	6	0.30	+1° to +2°
N. Saskatchewan River	3	13	— 6	19	42	—52	0.20	—110	1	0.35	+6° at Battleford
Saskatchewan Forks	1	9	— 7	16	33	—46	0.40	— 55	3	0.40	0° to +3°
Lower Saskatchewan River	—1	6	— 9	15	35	—43	0.35	....	4	0.20	
Manitoba—											
Qu'Appelle and Assiniboine Rivers	0	9	— 9	18	36	—45	0.45	—70	6	0.45	+1° to +5°
The Red River	0	8	— 9	17	33	—48	0.30	— 65	4	0.30	0° to +3°
Dauphin Lake and River	— 5	4	—13	17	34	—18	0.60	....	3	0.40	
Ontario—											
Lake Superior Districts—											
Rainy River	1	10	— 9	19	35	—45	0.76	—60	4	1.00	—1° at Kenora
Thunder Bay	4	14	— 6	20	39	—51	1.70	—30	7	1.20	+2° at Port Arthur
Algoma	6	17	— 6	23	39	—56	1.30	—20	5	0.80	+2.6° at White River
Nipissing	8	17	— 2	19	41	—39	2.15	—10	13	0.88	+4° at Haileybury
Upper Ottawa River	11	21	2	19	40	—35	1.65	—25	7	0.70	+3° to +5°
Upper St. Lawrence and Ottawa Rivers	18	26	10	16	45	—35	3.00	+ 5	10	1.30	0° to +5°
Georgian Bay Counties	18	26	9	17	55	—35	2.30	—25	8	1.61	—1° to +5°
Lake Huron Counties	20	27	13	14	43	—22	2.25	—40	14	0.70	—1° to —3°
Lakes St. Clair & Erie, Niagara Peninsula	22	30	14	16	54	—25	2.90	00	10	1.60	—1° to +3°
West Central Counties	20	28	12	16	43	—21	2.90	— 5	10	1.41	—3° to +4°
Lake Ontario Counties	21	28	14	14	47	—17	3.05	+20	10	0.90	—1° to +2°
East Central Counties	16	27	6	21	43	—35	2.75	—15	10	0.90	—2° to +3°
Quebec—											
Middle St. Lawrence	14	24	5	19	50	—36	2.85	—15	10	1.58	+4° to +6°
Lower St. Lawrence & Gulf	15	23	7	16	48	—26	1.80	—45	7	1.00	+4° to+6°
Lake St. John	5	14	— 4	18	48	—44	1.50	—60	10	0.80	+5.5° at Chicoutimi
Upper St. Maurice	6	18	— 6	24	48	—48	2.20		11	0.97	
Northwestern Districts	9	17	1	16	40	—45	2.20	+20	9	0.85	+6° at Abitibi
New Brunswick—											
All Stations	20	29	11	18	54	—29	3.25	00	8	2.75	+1° to +8°
Nova Scotia—											
All Stations	25	33	17	16	69	—15	5.20	00	11	3.10	+1° to +7°
Prince Edward Island—											
All Stations	22	29	15	14	48	—14	5.20	+45	14	0.80	+4°

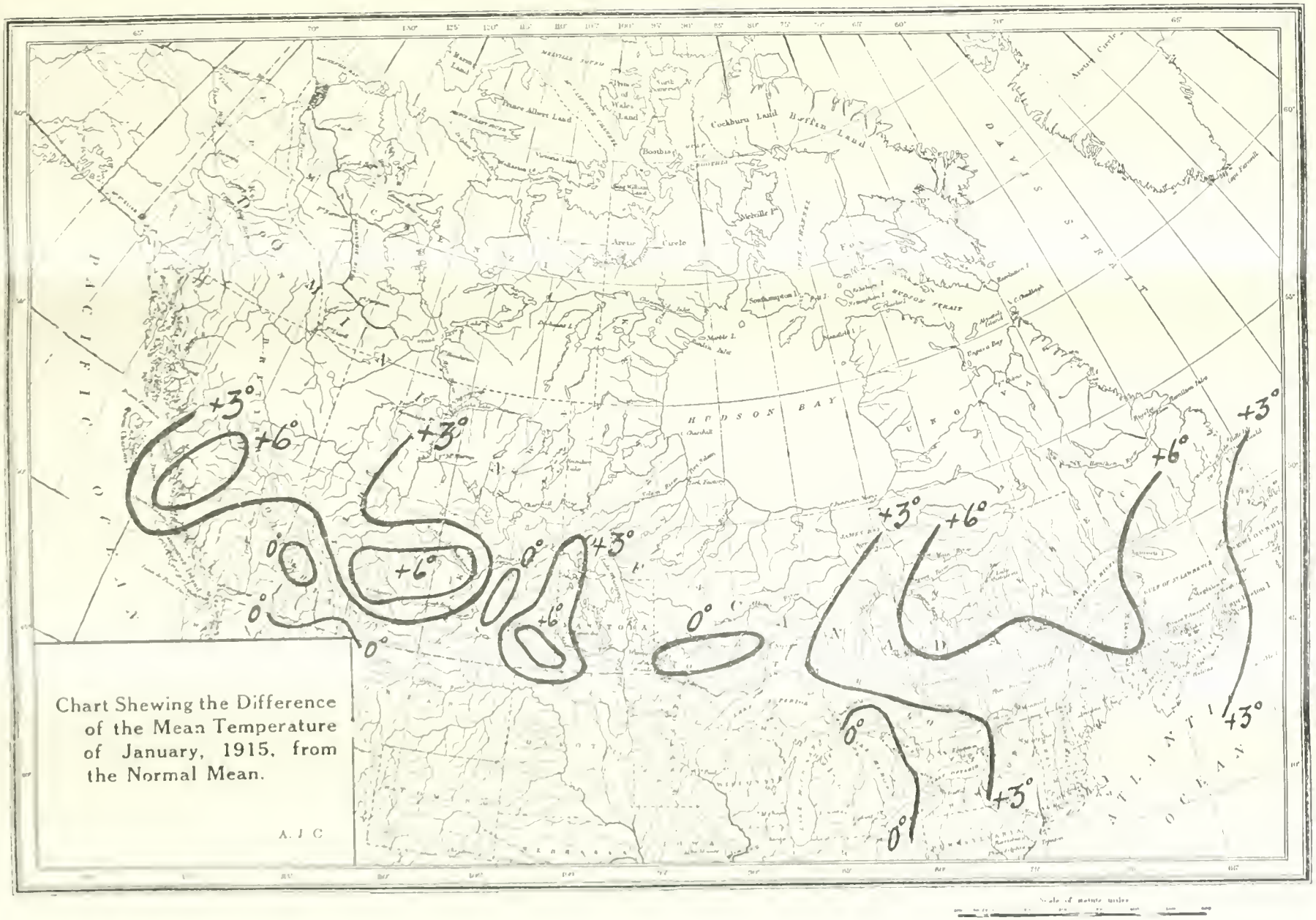
+3°
+6°
+3°
0°
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Chart Shewing the Difference of the Mean Temperature of January, 1915, from the Normal Mean.
A. J. C.
HUDSON BAY
DAVIS STRAIT
ATLANTIC OCEAN

WINDS, JANUARY, 1915

PROVINCES AND STATIONS.	Total Mileage.	Greatest Mileage in 24 hours.	Greatest Mileage in 1 Hour			Number of Days of			General Direction
			Miles	Direction	Date	Gales	Strong Winds	Fresh Winds	
British Columbia.									
Atlin	3725	498	28	SW	17	..	2	3	NE,SE
Prince Rupert	.....	.....	.....	.....	.....	.....	.....	.....	.....
Victoria	9707	645	48	SE	31	6	4	7	N,NE
Point Garry	4958	532	44	NW	14	3	3	3	E
Vancouver	2081	202	18	W	14	.....	.....	1	E,NE
Kamloops	1312	115	9	S	4	.....	.....	.....	S,E
Entrance Island	11028	760	48	E	10	10	4	4	E,W
Tracquille	2626	274	13	W	15	.....	.....	1	NE,E
Alberta.									
Edmonton	2736	242	18	NW	20	.....	.....	6	SW
Calgary	2415	195	16	NW	20-21	.....	.....	8	
Saskatchewan.									
Battleford	.....	.....	.....	.....	.....	.....	.....	.....	.....
Prince Albert	.....	.....	.....	.....	.....	.....	.....	.....	.....
Swift Current	7051	415	27	SW,NW	1-19	.....	12	11	
Qu'Appelle	6162	496	28	NW	19	.....	4	17	NW
Manitoba.									
Le Pas	4681	335	27	W	10	.....	3	11	W
Winnipeg	6001	357	29	NW	13	.....	4	13	
Ontario.									
Port Arthur	6440	500	32	NW	1	1	6	14	NW
White River	3791	314	21	SW	13	.....	2	8	
*a*Cochrane	4770	351	23	S	5	.....	3	16	
Parry Sound	6341	631	36	SW	7	1	5	14	SE
Southampton	9307	513	37	W	7	2	11	18	E,W
*b*Woodstock	7954	537	30	SW	7	1	13	11	SW
Toronto	9638	751	41	SW	7	7	14	8	W
Kingston	8219	674	35	SW	7-18	6	10	8	SW
Stonecliffe	2582	207	16	N,W	2-18	.....	.....	5	
Ottawa	.....	.....	.....	.....	.....	.....	.....	.....	.....
Guelph	7205	613	34	SW	7	1	12	13	SW,NW
Long Point	11443	809	60	SW	1	13	7	10	SW
Agincourt	7345	715	36	SW	7	1	14	9	SW,W
Quebec.									
Montreal	9978	684	.....	.....	.....	.....	.....	.....	SW
Sherbrooke	5460	434	32	W	25	.....	.....	.....	W
Quebec	8572	665	44	NE	25	7	10	8	NE
Father Point	9918	759	41	SE	23	6	15	7	SW
Anticosti, SW	.....	.....	.....	.....	.....	.....	.....	.....	.....
Harrington	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Brunswick									
Pt. Escuminac	11205	700	43	E	13	5	13	14	W,NW
Fredericton	5156	438	26	NW	29	.....	1	7	W,NW
St. John	10461	634	40	NW	13	9	15	5	
Pt. Lepreaux	13431	709	56	SE	25	14	12	5	SW,NW
Nova Scotia									
Yarmouth	10133	755	40	S	19	8	10	12	NW
Wolfville	8133	541	42	S	18	4	5	3	SW,W
Halifax	9462	818	51	W	24	5	12	11	W,NE
Sable Island	17610	1387	75	NE	13	9	12	0	NE,SW
Flat Point	.....	.....	.....	.....	.....	.....	.....	.....	.....
Prince Edward Island									
Charlottetown	6724	446	30	SW	7	1	7	13	SW,NW

a Record for 24 days. *b* Record for 30 days.

TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA. JAN., 1915.

*Stations not furnished with Registering Thermometers

STATION.	Latitude N	Longitude W	Elevation above sea level, in feet.	Temperature. Mean	Difference from average.	Yr's Observations	Highest	Date	Lowest.	Date	Mean daily range	Precipitation. Amount	Difference from average.	Heaviest fall in month.	Days with .01 or more.	No. of fair days	No. of aurora	No. of thunderstorms.	No. of fogs.
BRITISH COLUMBIA—	° ′	° ′																	
S. Vancouver Island																			
Alberni (Beaver Creek)	49 15	124 4	300	35 1	+ 1 4	18	46 0	21-31	18 0	27	12		1 73	2 18	15	16	..	..	
Clayoquot	49 11	125	27	40 3	+ 0 8	16	54	21	27.0	21 22	11		4 03	3.35	15	16	..	..	
Clo-oose	49 40	124		38.8	—	3	55 0	16	26 0	24	11 7	8	—	1 43	15	16	..	..	
Cobble Hill	48 42	123	33	38 8	—	2	48 0	2	23 0	25 26	11 9		—	0 94	15	16	..	..	
Cowichan (Tzouhalem)	48	123	170	37 1	—	8	50 0	16	19 2	22	11		—	0 99	13	15	..	..	
Departure Bay	49 40	124		37 3	—	3	47.0	1	24 2	22	9 8		—	1 19	15	16	..	..	
Entrance Island	49 12	123		40 8	—	1	49 2	1	32 4	22	5		—	1.13	14	17	..	..	
Gillis Bay	49 40	124		34 9	—	2	46 0	1	23	22	4 13		—	0 92	15	19	..	..	
James Island	48	123		41 2	—	1	53 5	11	30 6	26			—	0 38	13	21	..	..	
Ladysmith	48 57	123		35 6	—	2	50 0	30 31	19	21	12 2		—	1 23	14	17	..	..	
Lazo (Little River)	49 41	124	12	36 3	—	1	47 5*	31	24 0	25			—	1 2	15	16	..	..	1
Nanaimo	49 10	123	125	37 7	+ 1 8	14	47 9	1	23 7	22			-2 33	1 12	15	16	..	..	4
Nanoose Bay	49 17	124	130	36 4	—	3	50 0	1 31	21 0	25			—	0 87	11	20	..		
Qualicum Beach	49 20	124		36 0	—	2	48 0	8	18 0	26	14		—	0 61		24	..		
Salt Spring Island	48 50	123		36.7		6	49 0	30	23 0	22			—	0 96	11		..	..	
Shawnigan Lake	48 37	123		35 1	—	2	48 0	30	23 0	25			—	0 48	13	18	..	..	
Sidney	48	123	200	38 5	—	1	49 0	1 3	27 5	26			—	0 55	15	16	..	..	1
Sooke	48 41	123	25	39 3	—	5	56 0	30	26 0	26			—	0 61	16	15	..	..	
Ucluelet	48 58	125		37 8	—	1	57.0	29	23 0	17 23	12	11	—	3 35	15	16	..	..	1
Victoria	48 24	123 19	85	40 5	+ 1 3	23	13.4	30	30 9	22			-2 99	0 41	14	17	..	..	
N. Vancouver Island																			
Alert Bay	50 33	127		40 4	—	2	50 0	31 31	28 0	25			—	1 17	1	19	..	..	
Campbell Lake																	..	..	
Holberg	50 59	128 18		39.0	—	5	54 0	17	25 0	25	10 8		—	1 74	12	12	..	..	
Mary Island	50 8	125		37 7	—	1	49 0	21 31	27 0	27			—	0 76	16	15	..	..	
Quatsino	50 32	127		38.5	+ 2 1	18	50 0	3 30	21	21	12			1 19	15	13	..	..	
Triangle Island	50 52	129	680															..	
Lower Fraser River																			
Agassiz	49 14	121 31	52	37 4	+ 2 8	24	53 0	20	16 0	26	12			1 18	14	17			
Britannia Beach	49 34	123	165	—	—	2	53 0	20	—					1 55	14	17			1
Chilliwack	49 10	121 57	21	36 7	+ 0 4	13	54 0	20	18.0	26	14 1			1	13	21			1
Hope	49 25	121 25	500	33 6	—	5	44 0	20	18 0	26				1 05					
Lacher	49 05	123		39 2	+ 1 9	11	51 0	31	25 0	21				0 75	12	19			2
New Westminster	49 13	122 54	330	37.0	+ 2.0	27	49.5	30	24 5	22				1 27	15	16			4
North Nicomen	49 12	122	50	37 5	+ 3 0	23	4 0 0	20-30	23 0	26	11 4			2 2	14	18			
Ruskin (Stave Falls)	49 16	122 23	125	36 5	—	6	54 0	31	18.0	27	14 1			1 56	16	15			
Steveston (Garry Point)	49 21	123 17		37.4	+ 1 8	19	50 0	15	22 0	22	11 4		0 71	1 00	14	17			2
Vancouver	49 17	123 5	136	38.2	+ 3 2	14	48 5	2	25 2	22	7 8			1 44	18	13			3
Lillooet Lake																			
Pemberton Hatchery	50 20	122		28 6	—	7	38 0	21	8 0	27	9 2		—	0 55	11				
Pemberton Meadows	50 29	122		23.8	—	2	37 0	8-12	4 0	27	14 2		—	0 80	11				4
Upper Fraser River																			
Babine Lake	55 38	126 26		11 4	—	7	35 0	18	— 9 0	14	16.4		—	0.30	5	26			
Barkerville	53 02	121 35	4180	19 7	+ 3 1	25	36 0	18	— 2.0	21	13 7		2 02	0 20	8	23			
Chilcotin (Big Creek)	51 40	123 50	3100	14 1	+ 2 4	12	39.0	2	—21 0	28	26.5		59	0.05	1				
Cranberry Lake (South Frk)	52 50	119	2400																
Fifteen Mile Ranch (Pavilion)	50 40	120		29.7	—	2	59.0	14	14 0	23	10 2		—	0.28	3	28			
Fort George	53 55	122 41		12 4	—	3	37.0	18	—15 0	22-29	17 6		—	0 15	1				
Fort St. James (Stuarts Lake)	54 28	124	2280	11 0	+ 4 7	22	41 0	18	—18.0	27-29	23 7		—	0 14	5	16			
Hydraulic	52 42	122		20.1	—	3	42 0	2 8	— 5.0	21-30	18 0		—	0 10	2	29			
New Hazleton	55 15	127		20.1	—	1	38 0	10-18	— 3 0	21			—	0 20	6	25			
Quesnelle	52 59	122	1700	17.6	+ 3 4	20	49 0	3	— 8 0	29	16 5		0 97	0 20	2	22			
Okanagan and Similkameen Valleys																			
Duck Lake Ranch	50 3	119	1400																
Hedley	49 35	120	1771	23 3	+ 3 3	11	40 0	31	0 0	27	14 8		78	0 10	3	28			
Hedley (Nickel Plate)	49 20	119	4500	19 7	+ 2 6	11	45 0	18	0 0	20-25	18 6		—	0 40	5	22			
Keremeos	49 15	120	1372	23.8	—	8	30 5	11	— 3 0	27	12 0			0 20	3	28			
Kelowna (Bankhead Cr'k)	49 54	119				1													
Kelowna (Okanagan Mission)	49 15	119	1200	25 0	+ 1 4	15	50 0	12	5 0	27	13.7		69	0 25	10	21			
Penticton	49 29	119		26 8	—	8	43 0	9	4 0	27	11		—	0 19	8	23			
Princeton	49 20	120	1650	16.5	+ 0 9	19	37 0	10	—19 0	22	20 3		0 61	0 3	8	23			3
Richlands	50 18	118		19 3	—	3	40 0	3	—12 0	28	17 9		—	0 45	10	21			
Summerland	49 36	119	1100	22.2	—	8	37 0	3 31	1 0	27	12 5			0 23	4	27			
Vernon (Coldstream Ranch)	50 14	119	1582	20 1	— 0 2	21	38 0	12	1 0	28-29	14 2		0 47	0 30	10	21			
West Kootenay																			
Boswell	49 19	116 41		28 6	—	1	42 5	8	14 5	27	10 2			0 45	13	18			
Crawford Bay	49 45	116 45	2000	26 3	—	3	39 0	9	9 0	24-27	12 5			0 58	10	21			
Creston	49 6	116	1985	23.6	—	3	38 0	9-12	4 0	28	11 8			0 30	14	17			
East Arrow Park	50 5	117 55	1413	24 8	—	1	38 0	9	5 5	25	11 2		—	0 30	11	20			
Fauquier	49 54	118		24 1	—	2	42 0	4	4 0	22 24	12 8			0 22	13	18			
Grand Forks	49 2	118 27	1740	17.6	—	4	37 0	8	11 0	28	13 5		—	0 23	12	19			
Greenwood	49 1	118	2400	15 8	—	4	37 0	12-31	—16 0	16	19 2		—	0 30	10	21			
Howser	50 18	117				3													
Kaslo	49 52	117	1752	25.5	—	6	38 0	5 9	6 0	28	9 5			0 60	4	22			
Nakusp	50 14	117 49		23 5	—	3	35 0	11	8 0	22 25	9 1			0 28	13	18			
Nelson	49 29	117	1700	25 1	+ 0.3	13	37	4 8	4 0	27	10		2 25	0 60	6	25			
Pend d'Oreille (Waneta)	49 4	117	2260	21 8	—	2	34 0	1-12	— 5 0	27	11			0 25	10	21			
Perry Siding	49 5	117	1700	22 8		2	36 0	1	4 0	26	13 2			0 21	15	16			
Rossland	49 5	117 48	3400	22 8	+ 1 6	12	35 5	3	6 0	27	6 5		0 61	0 85	12	19			
Westley	49 2	117 45	1494	26 5	—	1	38 0	1	4 0	27	9 5			0 21	12	19			1
East Kootenay																			
Baynes Lake	49 13	115	2800	15 0		1	30 0	2	—21 0	28	19 0			0 65	8	21			
Cranbrook	49 30	115		18 9	—	6	39 0	23	—15 0	28	20 1			0 27	4	22			1
Fernie	49 30	115	3305	17 7		2	36 0	13	—15 0	27	16			0 42	17	14			
Fruithands (Elko)	49	115	2684	21 4	— 0 7	19	40 0	13	— 8 0	28	11 2		2	1 00	3	28			
Gateway	49 2	115		16 7	—	1	39 0	10	—18 0	28	19 7			0 40	1	23			
Invermere	50 30	116	2630	13 3	—	3	36 0	11	—15 0	21	19 0			0 20	5	28			
Wilmer	50 34	116 14	3300	15 0	—	6	33 0	4	— 7 0	22	13 6			0 31	4	27			1

TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, JAN., 1915.

*Stations not furnished with Registering Thermometers

STATION	Latitude N.	Longitude W	Elevation above sea level, in feet.	TEMPERATURE								PRECIPITATION						
				Mean.	Difference from average	Yrs Observations.	Highest	Date	Lowest	Date	Mean daily range.	Amount.	Difference from average.	Heaviest fall in month.	Days with 0.1 or more.	No. of fair days	No. of aurorae.	No. of thunderstorms	No. of fogs
	° ′	° ′																
BRITISH COLUMBIA—Con.																		
Thompson River																		
Armstrong	50 26	119 11	.....	22 2	—	2	35.0	12	0.0	27	11.3	1.99	—	0.44	9	22	..	..	..
Asberoft	50 32	119 7	1180	.....	.....	..	.....	...	.....	...	.....	.....	.....	.....	...	...	..	..	..
Chinook Cove	51 14	120 10	...	22.3	—	2	42.0	3-13	2.0	28-30	14.9	0 75	—	0.25	7	24	..	..	..
Edith Lake	..	..	.....	16 6	—	1	35.0	12	−10 0	22	18 5	1.86	—	0.51	8	23	..	..	..
Enderby	50 32	119 7	1180	23.2	+ 1.5	13	37.0	12	0.0	21	12 2	2 29	−0.30	0.30	13	18	..	..	..
Glenemma	50 22	119 19	.....	25 6	—	1	39.0	12-16	7 0	30	14.2	1.80	—	0.50	6	25	..	..	..
Harper's Ranch	50 41	120 29	1245	.....	.....	..	.....	...	.....	...	.....	.....	.....	.....	...	...	..	..	..
Kamloops	50 9	120 39	2120	23.3	+ 0.9	24	40.0	2	1.7	22	11 4	0 93	−0 62	0 35	8	23	..	..	..
Monte Creek	50 35	119 59	1156	21.5	—	2	48.0	11	−10 0	22	18.2	1.75	—	0 52	8	23	..	..	..
Nicola Lake	50 9	120 39	2120	16 1	− 3 2	20	36.0	2-10	−14 0	21	14.9	0 95	+0.10	0.30	5	26	..	..	1
Salmon Arm	50 42	119 36	1152	23.2	+ 4.5	12	36.0	12	1.0	28	10.9	2.18	−0 30	0 70	7	24	..	..	2
Salmon Arm (Exp. Farm)	50 41	119 12	..	22 1	—	4	36 0	2-9	1 0	20	12 9	2 15	—	0.53	7	24	..	..	..
Tappen	50 45	119 20	1350	27.6	—	3	41.0	9	6.0	22	14.9	2 51	—	0.40	18	13	..	..	..
Tranquille	50 41	120 29	....	25 4	—	7	43.0	2-11	4 0	24	10.9	0 89	—	0.25	11	20	..	..	..
Vaveaby	51 36	119 45	1450	20.7	—	2	44 0	11	−11.5	28	17 6	0.41	—	0.13	5	26	..	..	..
North Columbia River																			
Glacier	51 14	117 29	4072	16 5	+ 1.7	13	30 0	1-2	− 3.0	28	10.7	5.60	−2.04	1.90	14	17	..	..	..
Golden	51 0	118 6	1476	13 5	+ 3.2	13	36.0	12	−20.0	28	17.7	0.80	−1.73	0.60	2	29	..	..	..
Revelstoke	51 16	116 5	2550	19 6	− 0.3	14	38 0	5	− 4 0	25	11.8	3 40	−1.81	1.00	9	23	..	..	..
North Coast																			
Bella Coola	52 40	126 54	160	31 4	+ 6.5	15	48.0	21	13.0	27	10.2	1 78	−2.30	0.48	8	23	..	..	..
Mill Bay	65 0	133 0	.....	33.9	—	1	47 0	21-27	20 0	25-26	11.0	6 53	—	1.68	16	15	..	..	1
Prince Rupert	54 18	130 18	170	41 2	—	5	54 0	17	27 0	28	8.5	12.95	—	3.20	21	10	..	..	..
Stawart	56 1	130 1	215	27.7	—	6	37 0	9	7.0	26	7.2	6 00	—	1.50	18	13	..	..	..
Terraca	64 30	128 30	545	30 6	—	2	43.0	11	12.0	25	7.9	1.78	—	0.60	7	24	..	1	..
Welcoma Harbour	53 55	130 22	.....	.....	.....	..	.....	...	.....	...	.....	.....	.....	.....	...	...	..	..	..
Queen Charlotte Islands																			
Ikeda Bay	52 17	131 7	6	36 3	—	7	46.0	31	26.0	21	8 7	7 69	—	1.50	15	16	..	..	..
Massett	53 68	132 9	10	38 3	+ 2.4	18	48 0	7-22	29.0	24	9.2	7 41	+1 58	1.63	20	11	..	..	2
Yukon Boundary																			
Atlin	69 35	133 38	2240	15 0	—	9	35 5	16	−13 0	21	12.9	0.47	—	0.13	7	24	..	..	..
YUKON—																			
Carcross	60 11	134 34	2171	8.4	—	8	35 0	17-18	−23 0	21	17 6	0.30	—	0.15	3	28	..	..	..
Dawson	64 4	139 29	1200	− 0 8	+23 1	14	18 0	5	−24.0	21	10.6	0.30	−0.58	0.10	6	25	..	..	..
ALBERTA—																			
N. Saskatchewan River																			
Campsia	54 8	114 42	.....	8 1	—	8	44 7	17	−27 6	27	23.2	1.14	—	1.00	3	28	3	..	1
Coronation	52 7	111 22	.....	.....	.....	..	.....	...	.....	...	.....	.....	.....	.....	...	...	..	..	..
Daveland	52 52	112 17	.....	7.7	—	8	39.0	17	−31 0	26	18 4	0.70	—	0.40	3	28	..	..	..
Edmonton	63 33	113 30	2158	10.8	+ 2.5	31	42 0	17	−24 0	26-27	19.4	1.04	+0.33	0.70	5	26	1	..	1
Endiaag	52 0	112 0	2705	.....	.....	..	.....	...	.....	...	.....	.....	.....	.....	...	...	..	..	..
Halkirk (Emaburg)	52 17	112 10	.....	6 0	—	9	38 0	19	−34 0	26-27	20.0	0 22	—	0.07	4	27	1	..	1
Hardisty	52 42	110 40	.....	6 6	—	1	39.0	18	−36 0	27	18.7	0.21	—	0.16	2	29	4	..	3
Lloydminster	53 18	110 0	.....	.....	.....	..	.....	...	.....	...	.....	.....	.....	.....	...	...	..	..	..
Loveland	52 30	111 59	.....	6 8	—	5	39.0	18	−32.0	27	21.3	0 60	—	0 20	4	27	..	..	..
Pakan	...	...	....	.....	.....	..	.....	...	.....	...	.....	.....	.....	.....	...	...	..	..	..
Provost	52 20	110 15	.....	3 8	—	1	34.0	9-18	−41.5	26	20.8	0.30	—	0.30	1	29	..	..	4
Ranfurly (Waitefield)	53 29	111 38	2000	...	—	11	....	....	.....	...	....	....	.....	...	...	...	..	..	..
Sedgewick	52 47	111 41	.....	.....	.....	..	.....	...	.....	...	.....	.....	.....	.....	...	...	..	..	..
Sion	53 54	114 15	.....	9 7	—	4	45.0	19	−23.0	24-27	23.2	0.68	—	0.18	9	22	13	..	..
Twin Lakes	53 22	109 35	.....	21.5	—	1	51.0	18	−22 0	26	21.4	1 50	—	0.60	5	26	..	..	..
Varmilion	53 22	110 50	.....	2 1	—	2	38 0	18	−44.0	27	20 8	0.30	—	0 25	2	29	..	..	..
Wastina	51 39	111 6	.....	2 9	—	2	38.0	18	−43 0	27	21.9	—	—	—	—	—	..	..	..
Wetaskiwin	52 58	113 23	2480	...	...	..	....	....	.....	...	....	.....	.....	...	...	...	..	..	..
The Red Deer River																			
Alix	52 24	113 10	2585	11.5	+ 5.5	12	43.0	18	−27 0	17	26.4	0.53	−0.32	0.25	6	26	..	..	..
Alsask	51 20	109 66	.....	8 4	—	2	41.0	4-17	−37.0	27	20.8	0.20	—	0.10	3	28	..	..	6
Clemens	51 15	114 44	.....	8.4	—	2	39.0	18	−30 0	27	15.6	0 31	—	0.15	4	27	1	..	5
Delia	51 38	112 26	.....	.....	.....	..	.....	...	.....	...	.....	.....	.....	.....	...	...	..	..	..
Didsbury	51 40	114 8	3300	20.2	+ 6.8	13	46.0	17-19	−18 0	27	18 8	0 40	0.00	0.10	4	27	..	..	..
Empress	50 55	110 5	.....	.....	.....	..	.....	...	.....	...	.....	.....	.....	.....	...	...	..	..	..
Harmattan	51 45	114 23	3500	15 5	—	7	46.0	18	−28 0	27	28 3	0.66	—	0.20	6	25	..	..	..
Hilladown	52 14	113 29	2940	13 4	+ 6 6	12	43 6	18	−21.0	26	20.5	0.69	−0.14	0.30	6	25	1	..	..
Lecombe (Ex. Farm)	52 58	113 44	2783	14 7	—	8	40 8	18	−25 1	26	21.9	0.30	—	0.25	3	28	..	..	..
Moose (Tyrol)	51 15	110 39	.....	1 8	—	2	35 0	17	−48 0	27	17 0	—	—	—	—	—	..	..	..
Olds	51 45	114 5	....	...	—	1	.....	...	.....	...	.....	.....	.....	.....	...	...	..	..	..
Parbeck	51 68	113 5	.....	11 1	—	2	39.6	3	−24 0	27	19 0	0 35	—	0.20	3	28	1	..	..
Red Deer	52 16	113 49	28 06	10.4	− 3.6	14	41 5	17	−27.0	26	26 6	0.95	—	0.70	4	27	..	..	..
Rosedale	51 22	112 31	.....	8 1	—	1	42.0	18	−23 5	27	21.1	—	—	—	—	—	..	..	..
Springdale	52 61	110 12	.....	11 7	—	2	47.0	17	−25.6	26	25.5	0.71	—	0.26	7	24	..	..	..
The Bow River																			
Bassano (White Farm)	50 50	112 19	.....	11.8	—	1	45 0	18	−28 0	28	22.8	0.70	—	0.70	1	30	..	..	..
Brooks	50 34	111 64	....	—	—	2	—	—	—	—	—	1.75	—	0 60	5	26	..	..	2
Calgary	51 2	114 2	3427	19.8	+ 7.1	30	47 0	18-19	−24 0	27	21.8	0.40	−0.06	0.13	5	26	..	..	..
Claresholm	50 2	113 35	.....	14 5	—	1	47.0	3	−25.5	27	29 5	0.70	—	0 30	7	24	..	..	1
Expanse Coulee	50 7	112 8	...	9 8	—	2	43.0	11	−30 0	26-27	21.6	0.51	—	0.15	7	24	..	..	1
Gleichen	50 69	112 64	2952	17.6	+12.3	11	43.0	18	−17.0	27	15.4	—	—	—	—	—	..	..	..
High River	50 85	113 53	3394	.....	.....	..	.....	...	.....	...	.....	.....	.....	.....	...	...	..	..	..
Lawrence (Perkland)	50 16	113 26	3500	...	...	..	....	....	.....	...	....	.....	.....	...	...	...	..	..	..
Lethbridge (Exp. Farm)	49 43	112 61	....	17.1	+ 0.8	7	52 0	19	−26 6	27	21.6	0.60	−0.18	0.13	9	22	..	..	..
Lundbreck	49 34	114 8	...	...	...	2	....	....	.....	...	....	.....	.....	...	...	...	..	..	..
Macleod	49 44	113 24	3128	19 4	− 0.9	20	48 5	5-12	−25.0	27	20.9	1.05	+0.61	0 30	8	23	..	..	..
Medicine Hat	50 1	110 37	2143	15 0	+ 3.2	30	42 0	3	−27.0	27	18 4	0 38	−0.22	0.10	12	19	..	..	..
Medicine Hat (Ex Farm)	50 5	110 38	.....	12 0	—	2	46 0	4	−32 0	27	23.3	—	—	—	—	—	..	..	..
Okotoke	50 43	113 69	...	19 2	—	2	46.0	17	−23 0	27	18.6	0.60	—	0.30	4	27	..	..	..
Pekisko	50 26	114 14	....	19 7	—	1	48.0	18	−28 0	27	22 7	1.33	—	0.55	5	26	..	..	..
Pincher Creek	49 28	113 58	.....	24 2	+ 6.7	16	46.0	18-19	−18.0	27	16 6	1.03	+0.32	0 50	6	25	..	..	.
Ronolene	50 5	111 34	2350	12 9	—	2	40 0	3-11	−27.0	27	19.2	0 40	—	0.30	2	29	..	..	.
Strathmore	51 3	113 23	.....	13 0	—	3	43.3	17	−26 2	26	21.0	—	—	—	—	—	..	..	..
Suffield	50 13	111 9	.....	9 9	—	2	40.0	12	−32 0	27	20.1	0.37	—	0 26	3	28	..	..	2
Sundial	50 6	112 34	...	15 7	—	4	46 0	17	−24 0	26	17.6	—	—	—	—	—	..	..	..

TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, JAN., 1915.

*Stations not furnished with Registering Thermometers

STATION	Latitude N.	Longitude W.	Elevation above sea level, in feet.	Temperature. Mean.	Difference from average.	Yrs observations	Highest.	Date.	Lowest	Date.	Mean daily range.	Precipitation. Amount	Difference from average.	Heaviest fall in month.	Days with .01 or more.	No. of fair days.	No. of Auroras.	No. of thunderstorms	No. of fogs
ALBERTA—Continued	° ′	° ′																	
Rocky Mountains																			
Banff	51 10	115 34	4542	16 0	+2.3	19	37.4	3	−19.0	17	19 0	1	−0 07	0 50	7	24	.	..	
Brazeau Forest (Coal Spur)	49 40	114 30	4225	.....	.....	..	.....	.....	.....	..	.	.	..	...	.	.	..	..	
Canmore	54 8	114 30	....	.....	.....	..	....	.	.....	..	.	.	..	....	..	.	..	..	
Athabasca River																			
Athabasca Landing	54 43	113 17	1650	4.5	+2.9	12	44.0	17	−45 0	26	24 6	0 45	−0 22	0 45	1	30	..	..	
Edson	53 33	116 25	.....	.....	.....	..	.....	.....	.....	.	..	.	.	....	.	.	..	..	
Jasper	52 53	118 9	....	.....	.....	..	..	..	..	..	..	.	.	....	.	.	..	..	
Lunnford	54 33	114 19	.....	.....	.....	..	..	..	.....	.	.	.	.	...	.	.	..	..	
Pembina	54 12	114 0	.....	.....	.....	..	....	..	....	.	.	.	.	....	.	.	..	..	
Peace River																			
Beaver Lodge	55 20	119 24	....	10.3	—	9	44.0	18	−32 0	26	22 2	0 25	—	0 20	2	29	2		
Dunvegan	55 56	118 35	1305	.....	.....	..	.....	..	.....	..	.....	.	.	...	.	.	.	.	
Fort Vermilion	58 27	116 3	.....	−9 6	—	7	33 0	18	−52 0	26	26 4	0 [illegible]	—	0 10	4	27	1	..	
Fort Vermilion (2)	58 21	115 33	.....	−9 2	—	6	37.5	18	−53 0	26	25.3	0 2	.	0 10	3	28	.	.	
Grande Prairie	...	..	.....	.....	.....	..	..	..	...	..	....	.	.	.	.	.	.	.	
Peace River Crossing	56 15	117 16	.. ..	...	.....	.	.	..	.....	.	.	.		.					
SASKATCHEWAN—																			
Qu'Appelle River																			
Broadview	50 23	102 33	1060	...	...	..	...	..	...	..	.	.	.	.	.	.	.	.	
Brownhill (Grenfell P.O.)	50 23	102 53	1957	2.7	+4 6	24	34 0	11	−42.0	27	18 7	0 55	−0 29	0 20	3	28	..	..	
Buchanan	51 42	102 45	...	.....	.....	..	...	..	...	..	.	.	.	.	.	.	..	..	
Caron	50 28	105 53	1841	3.1	—	1	35.5	18	−41.5	26	28 5			—	—	—	..	..	
Crescent Lake	50 59	102 25	1658	−0.7	+4 0	11	32 5	19	−41 9	27	26 6	0 28	−0 46	0 20	4	27	1	..	4
Estevan	50 59	103 4	1858	3.9	+0 9	14	33 0	18	−39.0	26	16 0	0 15	−0 51	0.15	1	30	..	.	4
Fort Qu'Appelle	50 47	103 47	.. ..	2.2	—	3	32.5	3-18	−48 0	27	21 5	0 28	—	0 10	6	25	..	..	
Hubbard (Drumague)	51 5	103 24	.....	−0.6	—	4	28 0	5-19	−45.0	27	18 1	0 30	—	0 30	4	29	..	..	
Humboldt	51 5	105 9	.....	2 9	—	9	35 0	19	−47 0	27	19 2	0 50	—	0 30	1	30	..	..	3
Imperial	52 12	105 23	.....	1.9	—	4	35.0	4	−43 0	26	20 4	0 10	—	0 10	1	30	..	..	
Indian Head	51 22	103 40	1924	3.0	+1 8	24	30 0	18	−42.0	27	18 5	0 45	−0 09	0.15	4	27	..	..	
Kamsack	51 30	101 52	.....	.....	.....	..	...	..	...	..	.	.	.	.	.	.	..	..	
Manor	49 43	102 2	2064	2.0	—	5	37.0	19	−42.0	27	16 4	0 [illegible]	—	0 10	1	30	..	.	
Moose Jaw	50 21	105 35	1759	6 8	+3.7	20	37.0	3-4	−38 0	27	21 9	0 10	−0 54	0 [illegible]	5	26	..	..	2
Moosomin	50 0	101 37	1884	.....	.....	..	...	..	...	..	.	.	.	.	.	.	..	.	
Muenster (St. Peter's Mon.)	52 0	105 0	1870	3.9	—	11	30 0	4	−45 0	27	23 7	0 3	—	0 30	1	30			4
Pense (Gatesgarth)	50 20	105 0	1879	4.5	+3.6	20	36 0	3	−41 0	26	18 1		—	—	—	—	..	..	
Pilger	52 25	105 9	.....	−1.0	—	4	32 0	4-18	−47.0	27	19 5	0 33	—	0 33	1	30	.	.	
Qu'Appelle	50 30	103 47	2115	5.0	−3 0	31	32 0	18	−42 0	27	16 6	0 50	−0 18	0 30	5	26	.	.	1
Regina	50 27	104 37	1885	3 4	+0.7	28	33 0	3	−44 0	27	17 7	0 10	−0 28	0 03	7	24	..	.	
Stoney View	51 29	103 4	.....	.....	.....	..	...	..	...	..	.	.	.	.	.	.	..	..	
Whitewood	50 18	102 15	.....	2.3	—	1	32 0	18	−42 0	27	15 7	0 05	—	0 20	5	26	..		
Yarbo (Fairfield)	50 39	102 4	. ...	−1.9	—	8	47.0	5	−45 0	28	19 6	—	—	—	—	—	.	..	
Yellow Grass	49 49	104 9	.....	5.4	—	4	37 0	3	−40 0	25 26	18 5	—	—	—	—	—	..		1
Yorkton	51 11	102 29	.....	−0.2	—	5	32 0	19	−40 0	27	19 8		—	—	—	—	.		
S. Saskatchewan River																			
Chaplin	50 26	106 39	2202	5.0	+2.0	27	34 0	4 17	−38 0	27	19 8	0 [illegible]	−0 52	0 10	2	29			
Kindersley	51 28	109 9	...	.....	.....	..	...	..	...	..	.	.	.	.	.	.	..	..	
Kintonel (Divido)	49 38	108 53	3500	11.1	—	6	41 0	3	34.6	27	22 0	0 8[illegible]	—	0 20	3	[illegible]			1
Kulvinhurst (Nashlyn)	51 46	108 10	.....	...	...	..	...	..	...	..	.	.	.	.	.	.	..	..	
Larchmount (Pambrum)	49 21	109 29	2500	8.6	—	5	35.0	4-19	−41 3	26	20 2	0 8	—	0 3	4	27			1
Rathmullen	51 20	108 57	.....	2 6	—	5	32 7	18	−40 5	27	19 2	0 10	—	0 05	2	29			4
Swift Current	50 20	107 45	2439	9.3	+1 2	29	44 0	3	−35 0	27	18 8	0 48	−0 18	0 20	9	23			3
Wapashoe	50 4	109 19	2400	8 4	—	1	43 0	4	−33.0	27	19.8	0 2	—	0 05	1	24	..		
N. Saskatchewan River																			
Anglia	51 55	101 10	....	3.3	—	3	42.0	3	−40 0	27	18 9	0 [illegible]	—	0 20	2	29			
Battleford	52 41	108 20	1620	4 8	+4 0	25	35 0	18	−38 0	27	18 0	0 [illegible]	−0 46	0 [illegible]	0	31			
Lloydminster	53 18	110 0	..	2 7	—	2	33 0	18	−40 0	27	17 2	.	.	.	.	.			
Luseland	52 5	109 34	....	4 1	—	4	36 0	18	−36 0	27	15 4	0 5	—	0 35	3	28			1
Meadow River	.	.	...	...	.....	..	...	..	...	..	.	.	.	.	.	.	..	..	
Onion Lake	53 52	109 59		2 4	—	8	33 0	18 19	−42 0	26	27 4			—	—	—			
Prince (Meota)	51 0	108 20	1700	−2 2	—	9	30 0	17	−48 0	27	20 1	—	—	—	—	—			
St Walburg	53 36	109 9	.....	0 9	—	3	32 0	18	−52 0	27	17 7	0 17	—	0 10	2	29			
Scott (Ex Farm)	51 59	109 30	..	−0 2	—	4	31 8	9-11	−42 0	27	18 8	0 13	—	0 10	1	30			
Wascca	53 6	109 29	...	4 3	—	8	34 0	18	−41 0	27	15 2	0.18	—	0 10	2	29			
The Saskatchewan Forks																			
Halcyonia	52 30	107 5	1800	2 1	—	1	29 0	4 18	−40 0	27	16 3	0 [illegible]	—	0 30	2	28			
Mellort	52 47	104 30		0 9	—	6	32 5	18	−39 0	27	1[illegible]	1 [illegible]	—	0 10	2	29			
Prince Albert	53 10	106 0	1432	−0 6	+2.7	29	30.0	18	−42 5	27	11 3	0 [illegible]	−0 76	0 08	2	29			
Rosthern	52 40	106 20	1657	0 2	—	5	31 0	19	−45 5	27	17 0	0 [illegible]	—	0 40	3	28			3
Saskatoon	52 15	106 30	1571	1 7	+0.2	29	32 5	18	−45 1	27	16 .	0 [illegible]	−0 [illegible]	0 30	4	27			
Lower Saskatchewan River																			
Lost River	53 17	104 21		−1 6	—	5	35 0	5	41.0	27	14 0	—	—	—	—	—			

TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, JAN., 1915.

* Stations not furnished with Registering Thermometers.

STATION	Latitude N.	Longitude W.	Elevation above sea level, in feet.	Temperature. Mean.	Difference from average.	Yrs observations	Highest.	Date.	Lowest.	Date.	Mean daily range.	Precipitation. Amount.	Difference from average	Heaviest fall in month.	Days with .01 or more.	No. of fair days.	No. of auroras.	No. of thunderstorms	No. of fogs.
MANITOBA—	° ′	° ′																	
Qu'Appelle and Assiniboine Rivers																			
Boissevain	60 25	101 1	1703	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Brandon	49 51	99 57	1176	— 0 4	+ 1.7	28	30 5	18	—42 5	27	20.1	0 10	—0.73	0 05	2	29	..	..	..
Carman	49 31	98 0	872	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cypress River	49 33	99 3	1232	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hamiota	50 12	100 33	.....	— 1 1	—	1	28 0	19	—44 0	27	18.6	0 80	—	0 45	5	26	1	..	2
*Hillview	49 55	100 33	1400	0 1	+ 4.5	29	28 0	5-18	—41 0	27	—	0.35	—0.67	0 20	3	28	..	..	..
Minnedosa	50 15	99 50	1699	0 9	+ 1.5	31	30.0	4-19	—41 3	27	18 4	0 30	—0 58	0 16	10	21	2	..	5
Ninette	49 24	99 38	1363	1 3	—	4	31 0	11	—35 0	27	15.6	—	—	—	—	—	..	..	..
Ninga	49 14	99 51	1649	1 8	—	5	36 0	12	—37 0	26	17.1	—	—	—	—	—	..	..	..
Pierson	49 11	101 5	1531	.....	.....	..	....	.....	.....	..	....	.....	.....	.....	..	..	..	..	..
Pipestone	49 34	100 58	1400	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Portage la Prairie	49 57	98 17	.....	— 0 5	+ 2.4	25	27 0	10-19	—38 0	27-28	18.4	0.45	—2.50	0.15	5	26	..	..	..
Portage la Prairie (2)	49 56	98 17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Russell	50 59	101 20	.....	— 2 2	+ 3.6	23	30.0	19	—45.0	27	19.1	—	—	—	—	—	..	..	..
St. Alban's (Treesbank)	49 42	99 33	1180	0.9	+ 1 1	28	30 5	4	—38 5	27	20 4	0 39	—0 02	0.11	13	18	..	..	3
Souris	49 37	100 14	.....	0.3	—	3	30 0	18	—41 5	27	20 0	0.35	—	0.30	2	29	..	..	..
Swan Lake	49 25	98 45	....	0 5	—	1	33 0	5	—42 0	27	16.6	0 58	—	0.20	6	25	..	..	..
Treberne	49 36	98 40	1212	2.5	+ 1 0	19	31.0	4	—38 0	27	16 6	0.65	+0.02	0 32	6	25	..	..	4
Virden	49 51	100 55	1444	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
The Red River																			
Almasippi	49 14	98 20	....	0 7	+ 2.2	13	32 0	10	—41 0	27	18.4	0 45	—0.06	0 30	3	28	..	..	..
Morden	49 11	98 2	978	1 9	+ 0.6	11	33 0	13	—39 5	27	17 9	0.10	—0.73	0 10	1	30	..	..	3
Oak Bank	49 57	96 46	800	.. 1 4	+ 0.4	20	29.5	10	—44 0	29	13.8	0 20	—0.71	0.10	2	29	..	..	1
Selkirk	50 9	96 46	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Stony Mountain	50 40	97 14	803	— 2.9	— 1 5	53	29 0	10	—48 0	27	21.0	0.20	—0 20	0 10	2	29	..	..	1
Winnipeg	49 53	97 7	760	0 5	+ 3.0	11	30.0	10	—37 3	27	14 9	0.38	—0 59	0 10	12	19	1	..	1
Dauphin Lake and River																			
Berens River	52 18	97 23	710	— 4 6	—	7	28 0	17-19	—42 0	28	17 1	0 35	—	0.20	3	28	..	..	..
Dauphin	51 8	100 2	957	3 5	+ 7 3	10	34.0	19	—35 0	27	16 2	0.40	—	0 40	1	30	..	..	..
Moose Horn Bay (Atkensville)	51 15	99 33	810	— 3 5	—	5	28 5	11	—48.0	27	18.8	1 02	—	0 31	11	20	..	..	..
Lower Saskatchewan River																			
Le Pas	53 49	101 15	860	— 1 0	—	5	27.0	4-18	—43 0	27	14.6	0.36	—	0.20	4	27	..	..	..
ONTARIO—																			
The Lake Superior Districts																			
Rainy River																			
Atikokan	48 44	91 20	.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dryden	49 48	92 52	.....	— 1.5	—	1	31.0	13-14	—42 0	29	20.0	0 05	—	0 05	1	30	..	..	..
Fort Frances	48 36	93 25	....	4 5	—	2	35.0	12	—15 0	26	17.1	0 89	—	0 41	6	25	..	..	..
Ignace	49 21	91 34	.....	— 1.5	—	2	32 0	13	—45 0	28	21 2	1 60	—	1 00	4	27	..	..	..
Kenora	49 48	94 32	1102	— 1 2	— 1.0	16	22.0	4-13	—38 0	27	11.8	0 40	—0.55	0.30	2	29	..	..	..
Rainy River	48 47	94 30	.....	..	..	..	....	....	.....	..	....	.....	.....	.....	..	..	..	..	..
Shoal Lake	49 37	95 6	....	..	..	..	....	....	.....	..	....	.....	.....	.....	..	..	..	..	..
Sioux Lookout	50 8	91 52	.....	— 3 4	—	2	31 0	14	—46 0	28	23 1	0.48	—	0 20	6	25	..	..	2
Thunder Bay																			
Heron Bay	48 18	86 16	.....	8 4	+ 4 5	16	37 0	14	—42.0	28	17.0	1 86	—0 86	0 60	9	22	..	..	..
Kakabeka Falls	48 29	89 26	912	1 9	—	7	38 0	5	—50 0	28	27 3	1.30	—	0.65	6	25	..	..	..
Nipigon	49 0	88 15	...	4 3	+ 5.7	13	36 0	5	—46.5	28	19 6	1 57	—0 36	0 45	10	21	..	..	..
Oscar	49 15	90 46	...	— 5.1	—	1	33 0	13	—51.0	28	19.0	0 90	—	0.20	9	22	..	..	..
Port Arthur	48 27	89 12	644	9 2	+ 2.2	34	39.0	5	—34 6	28	18 2	0 69	—0 09	0 21	7	24	1	..	1
Savanne	48 55	90 18	1506	0 0	— 0.5	13	32 0	13	—48 0	28	20 0	0 90	—0.46	0 40	5	26	..	..	..
Schreiber	48 50	87 15	933	5.8	+ 0.2	13	35 4	5	—37 5	27	21 6	4 57	—	1.20	8	23	2	..	1
Algoma																			
Bisco	47 40	82 11	1333	9 5	—	2	35 6	6	—37 0	22	16.3	1 11	—	0.64	6	25	..	..	..
Bruce Mines	46 18	83 55	595	..	..	16	....	....	.....	..	....	.....	.....	.....	..	..	..	..	..
Chaplean	47 48	83 28	.....	.....	.....	2	....	...	....	..	....	.....	.....	.....	..	..	..	..	..
Copper Cliff	46 30	80 59	..	.....	.....	2	....	..	....	..	....	.....	.....	.....	..	..	..	..	..
Grassett	48 29	84 29	..	....	....	2	....	....	.....	..	....	.....	.....	.....	..	..	..	..	..
Porcupine	48 40	82 14	..	4 8	—	4	39 0	6	—37 0	29	23 7	1 20	—	0 40	7	24	..	..	..
Providence Bay	48 35	85 16	1252	21.5	—	4	39 0	8	— 5 0	22	10.4	0.84	—	0 80	2	29	..	..	..
Timmins (Wawaitin Falls)	48 40	81 20	885	4 6	—	3	37 0	6	—38 0	22	24 8	1 86	—	0.50	12	19	..	..	..
Turbine	46 18	81 35	685	..	—	1	....	....	.....	..	....	.....	.....	.....	..	..	..	..	..
White River	48 35	85 16	1248	3.6	+ 2 6	25	36.0	1	—56 0	28	28.1	1 40	—0 33	0.30	9	22	..	..	..
Nipissing																			
Cochrane	49 2	81 0	946	6 6	—	4	36 0	6	—39.0	29	20.0	2 25	—	0 60	10	21	..	..	..
Haileybury	47 29	79 39	687	10 7	+ 4 0	21	39.0	6	—25.0	29	15 9	1.85	—0 18	0.57	17	14	..	..	1
Iroquois Falls	48 45	80 40	850	4 8	—	2	37 0	6	—34 0	28	20 4	2.77	—	0.88	16	15	..	..	..
Montreal River	47 8	79 29	...	11 0	—	5	41 0	6	—30 0	28	21.9	1 66	—	0 52	8	23	..	..	..
Upper Ottawa River																			
Rutherglen (Lake Talon)	46 15	74 48	..	11 0	+ 3 3	20	40 0	17	—33 0	30	18.2	1 50	—0.86	0.60	7	24	..	..	..
Stonecliff (Rockliffe)	46 9	78 6	557	11.7	+ 4.9	31	40 0	7	—35.0	30	20.4	1.76	—0.23	0.70	7	24	..	..	..

TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, JAN., 1915.

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STATION	Latitude N	Longitude W	Elevation above sea level in feet.	TEMPERATURE: Mean.	Difference from average.	Yr's Observations	Highest.	Date.	Lowest.	Date.	Mean daily range	PRECIPITATION: Amount	Difference from Average	Heaviest fall in month	Days with .01 or more	No. of fair days	No. of aurorae	No. of thunderstorms	No. of fogs
ONTARIO—Continued—																			
Upper St. Lawrence and Lower Ottawa Rivers																			
Almonte	45 12	76 13	390	15 0	—	3	39 0	7	—29	30	15	4	—	1 20	8	5			
Bloomfield	43 59	77 21	260	21 2	+ 6 2	15	42 0	7	—12 0	30	14 4	3	+1 20	1 25	6	25			
Hillier	44 0	77 22	....	....	—	4	....	....	....	....	....	....	—	....	....	....			
Kingston	44 13	76 29	285	22 0	+ 3 7	40	44 4	7	—24 4	30	15 1	1 1	—0 96	0 46	13	18			
Montague	44 58	75 57	....	....	—	5	....	....	....	....	....	....	—	....	....	....			
Morrisburg	44 56	75 12	....	17 3	—	2	44 6	7	—27 5	30	17 4	....	—	1 30	8	3			
North Gower	45 8	75 43	....	....	—	13	....	....	....	....	....	....	—	....	....	....			
Ottawa	45 26	75 42	294	15 3	+ 3 2	32	41 5	7	—24 0	31	16	....	+0 2	1 02	12	12			
Ottawa Exp. Farm	....	....	....	14 8	—	1	40 0	7	—25 4	30	16	....	—	0 74	11	5			
Renfrew	45 26	76 39	416	15 3	+ 4 7	25	43 6	7	—35 0	30	15 4	1	+0 18	0 55	12	19			3
Georgian Bay Counties																			
Barrie	44 23	79 41	839	17 9	— 0 1	36	39 9	17	— 7 1	31	14 8	2	—0 42	0	16	12			
Beatrice	45 8	79 29	800	16 5	+ 3 0	38	40 0	7-17	—28 0	31	16 9	2 5	—0 6	1 0	8	13			
Big Chute (Muskin P.O.)	44 42	79 38	655	16 0	—	2	55 0	17	—25 0	30	15 7	2 4	—	8	4	17			1
Coldwater	44 38	79 40	600	14 0	— 0 9	27	43 0	17	—21 0	31	15 1	1 10	—0 16	0	8	22			
Collingwood	44 31	80 2	....	25 2	+ 4 8	22	50 0	6	— 2	30	14 0	1 75	—	0	8	23			
Gravenhurst	44 54	79 20	....	15 4	+ 0.4	44	40 0	7 17	—34 0	22	21 5	1	—0 58	0 80	5	15			
Huntsville	45 19	79 8	....	17.1	—	8	42 0	17	—34 0	22	16 2	....	—	....	....	....			
Markdale	44 30	80 36	....	18 9	—	3	40 0	18	— 8 0	30	12 4	....	—	....	7	24			
Meaford	44 19	80 39	....	....	....	....	....	....	....	....	....	....	....	....	....	....			
*Midland	44 44	79 53	750	27 3	—	8	46.0	15	1 3	29	—	3	—	1 05	11	24			
Orillia	44 37	79 24	775	....	—	21	....	....	....	....	....	....	....	....	....	....			
Owen Sound	44 34	80 55	597	....	....	....	....	....	....	....	....	....	....	....	....	....			
Parry Sound	45 19	80 0	635	17 1	+ 1 9	39	40.0	7-17	—22	22	17 1	1 86	—	0 64	11	20			
Ronville	45 15	78 57	1038	14 8	—	8	40 0	6	—35	31	18 3	2 69	—	1 01	7	24			
Sundridge	45 4	79 19	....	10 9	—	2	40 0	17	—34 5	22	17	2 80	—	0	1	30			
Tobermory	45 12	81 34	....	21.3	—	1	40 0	16	—12 0	29	10 4	1 15	—	0 32	0	25			
Lake Huron Counties																			
Arkona (Birnam)	....	....	....	20.4	— 0 9	33	43 0	16	—22 0	30	14 1	3 76	—1 47	0 42	7	24			
Brucefield (Clinton)	43 32	81 37	....	19 0	— 1.6	12	40.0	17	—15 0	30	14 5	2 79	—1 50	0 55	15	16			
Lucknow	43 56	81 30	998	18 5	— 2 9	28	39 0	7	—16 7	29	15 6	2 96	—1 27	0 35	14	17			
*North Bruce	44 23	81 25	....	21 4	— 1 0	26	39 0	6	5 0	30	....	3 14	—1 12	0 31	17	13			
Ridgerest (Goderich)	43 45	81 41	....	20 6	— 1 2	24	41 0	17	— 4 0	29	11 9	2 44	—0 13	0 55	11	20			
Southampton	44 30	81 21	656	20.9	— 1 1	38	40 4	17	— 0 1	4	13 5	3	—0 67	0 70	17	14			
Lakes St. Clair & Erie, Niagara Peninsula																			
Chatham	42 23	82 12	595	21.8	— 2 6	26	42 0	16	17 0	30	15 2	2 32	—0 14	0 82	5	20			
Cottam	42 7	82 45	600	17.5	— 8 6	27	40 0	6	20 0	29	21 4	4 08	+2 05	1 06	10	21			2
Dutton	42 40	81 32	....	20 8	—	2	49 0	15	21 0	31	16 4	....	—	....	....	....			
Grimsby	43 13	79 36	....	24 4	—	6	45 0	17	8 0	29	14	1	—	0 74	11	20			
Port Burwell	42 39	80 55	592	21 4	— 2 1	11	54 0	12	—21 0	30	9 5	1 51	+0 57	0 63	12	13			
Port Dover	42 27	80 13	635	20 4	— 2 1	41	42 0	17	—11 0	29	15 2	1 08	+0 31	0 85	14	14			
Port Stanley	42 40	81 13	592	20.0	— 3 4	39	45 0	7	—25 0	30	16 7	0 97	0 56	0 70	18	13			4
St. Catharines	43 9	79 17	347	25 2	—	5	48.0	6	1 5	30	13 3	....	....	....	....	....			
Stoney Creek	43 13	79 45	292	23 4	— 1 1	31	46 0	17	— 3 0	29	13 7	1 03	—1 14	0 53	5	20			
Wallaceburg	42 35	82 24	....	22 3	—	9	54 0	11	22 0	29	17 1	1 43	—	0 80	7	24			
Welland	42 59	79 17	577	24 3	+ 3 1	28	46 0	6	8 0	30	14 5	1 67	—1 52	0 66	10	21			1
Windsor	42 20	83 4	625	22.5	— 0 7	37	46 0	18	— 6 0	30	15	1 07	—0 40	1 15	10	24			
West-Central Counties																			
Alton	43 51	80 5	1250	17.0	— 1 4	29	40 0	7	—10 0	29	15	1 87	—0 25	0 78	7	24			
Berlin	43 24	80 27	....	17 8	—	1	11.0	7 17	— 7 5	27	18 8	2 84	—	0 70	13	18			3
Brantford	43 10	80 21	750	21.0	+ 0 8	34	43 0	17 18	—20 0	1	20 4	1 98	+0 64	1 41	10	21			1
Elora	43 41	80 24	1274	17 7	— 1 1	14	39 0	6 17	—11 0	1	18 1	2	+0 48	0 93	10	21			
Guelph	43 33	80 16	1050	19 8	+ 1 7	27	41 0	7-17	— 5 0	27	17 3	1 57	+0 57	0 80	8	20			
Listowel	43 44	80 58	1262	....	—	17	....	....	—	....	....	....	—	....	....	....			
London	42 59	81 13	808	19.2	— 2 7	32	41.0	7	—21 0	1	17	1	—1 26	0 45	10	21			1
Paris	43 12	80 25	840	20 6	— 1 4	26	43 0	6 18	—19 0	30	16	1 94	+0 21	0 85	7	24			
Shelburne	44 5	80 47	....	....	....	....	....	....	....	....	....	....	....	....	....	....			
Stratford	43 23	81 0	1191	....	....	....	....	....	....	....	....	....	....	....	....	....			
Woodstock	43 8	80 47	980	18 3	— 2 2	40	42 5	6	—18 0	31	16	1 80	—1 67	0 47	11	20			
Lake Ontario Counties																			
Agincourt	43 47	79 16	590	19 8	+ 0 3	19	44 0	17	—12 0	31	16	3 82	+1 35	0 82	14	7			4
Aurora	44 0	79 24	886	18 2	—	7	40 5	17	—17 0	2	17	3 88	+1 18	1	12	7			
Georgetown	43 39	80 2	....	18 5	—	1	41 5	1	— 5 5	1	17	3 88	—	0	11	0			
Hamilton	43 16	79 54	303	23 1	0 0	41	45 0	17	—	31	17	3	—0 75	0 62	15	8			1
Oshawa	43 54	78 52	331	20 3	+ 0 9	10	43 0	17	—12	22	1	2 80	+0 21	0	7	24			
Toronto	43 40	79 24	350	23 6	+ 1 8	75	48 7	17	1 0	25	14 1	2 23	+0 71	0 79	12	11			
Toronto Is (Lakeside Home)	43 38	79 24		24 0	— 0 9	10	45 3	17	— 2 0	2	—	—	—	—	—	—			
Uxbridge	44 5	79 8	886	18 4	— 0.4	11	42 0	17	—16 0	22	17	2 57	—	0	7	24			
Wexford	44 44	79 17	555	18 8	—	3	43 0	17	—16 0	3	14 5	3 21	—	0 70	9	23			

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East-Central Counties	° ′	° ′																	
Bancroft	45 1	77 50	..	14 4	+ 2.7	26	41.0	6	—34 0	29	19 0	—	—	—	8	23	..	..	..
Haliburton	45 1	78 28	1050	15 1	+ 1 2	29	40 0	7	—30 0	22-30	21 1	—	—	—	—	—	..	..	..
Kinmount	44 45	8 38	920	12 5	— 1 6	17	42.0	12	—35 0	21	26 6	3.19	+2 03	0 60	10	21	..	..	..
Lakefield	44 25	78 15	850	..	..	28	..	..	..	..	..	..	..	..	..	..	..	..	..
Lindsay	44 20	78 45	872	17 3	+ 1 8	34	40 6	17	—17 0	30	18 4	2 16	—1 87	0.49	11	20	..	..	5
Norwood	44 24	77 67	..	17.3	+ 0.7	11	43 0	18	—28 0	30	18 0	3.50	+0 29	0 90	8	23	..	..	..
Peterboro'	44 17	78 19	722	16 7	+ 1 3	43	41 0	7	—28 0	30	21.3	1 88	—2 12	0.60	7	24	..	..	1
Queensboro	.. ..	.. ..	..	15 6	—	1	41.0	7	—35 0	30	29 6	3 07	—	0 80	9	22	..	..	..
Ursa	44 54	78 18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Quebec—Middle St. Lawrence																			
Bark Lake Depot	46 30	75 20	..	9 0	—	3	48.0	7	—48.0	30	42 1	1 97	—	0.55	8	23	..	..	..
Beauceville	46 11	70 48	557	13 7	—	2	46 0	8	—33 0	31	22 3	2 55	—0 08	0.69	7	24	..	..	..
Bromo	45 10	72 36	678	18 7	+ 6 0	34	59.0	7	—23 0	30	16 5	2 05	—	0 65	8	23	..	..	..
Cap Rouge	46 46	71 18	..	12 7	—	4	45 0	8	—22 0	31	16 2	2.84	—	0.70	9	22	..	..	..
Cedara Rapids	45 21	74 5	132	16 7	—	3	46.0	7	—18 0	30	16 5	1.88	—	0 50	7	24	..	..	..
D'Israeli	45 55	71 21	896	11.9	—	5	45 0	7	—37 0	29	28 6	3 45	—	0 80	9	22	..	..	..
Drummondville	44 50	72 30	..	14 9	—	2	47 0	7	—34 0	30	19 4	5.51	—	0.95	9	22	..	..	..
Huberdeau	45 59	74 41	900	15 0	—	2	44 0	6	—33 0	30	20 6	2 92	—	1.33	10	21	..	..	..
Huntingdon	45 5	74 10	..	15 4	—	2	48.0	6	—30.0	29	18.5	2.20	—	0 60	5	28	..	..	..
Joliette	46 2	73 25	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
Lake Megantic	45 35	70 53	1314	14 5	—	2	46 0	7	—23 0	30	21 1	2 73	—	0 60	13	20	..	..	..
Lennoxville	45 26	71 57	..	16 1	—	1	52.0	20	—46.0	30	24 5	1 40	—	1 40	1	30	..	..	..
MacDonald College (Ste. Anne de Bellevue)	45 27	73 59	..	..	..	9	..	..	..	..	..	..	..	..	..	..	..	..	..
Maniwaki	46 21	76 0	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
Montreal	45 30	73 35	187	17 5	+ 4 3	40	44 9	7	—13 2	30	13 3	3.65	—0.10	0 97	12	19	..	..	2
Nicolet	46 15	72 36	..	13 8	—	2	47 0	7	—25 0	30	16 9	1 78	—	0.80	7	24	..	..	..
Nominingue	46 27	75 0	..	12 1	—	2	48 0	7	—34.0	30	21 0	2 82	—	1 58	12	19	..	..	..
Quebec	46 48	71 13	296	14 6	+ 4 5	40	44 4	7	—22 2	30	14 4	3 03	—0 17	0 58	16	15	..	..	..
Sorel	46 2	73 6	..	13 5	—	1	45 0	7	—28 0	31	17 0	3 19	—	1 20	12	19	..	..	..
St. Lin	45 48	73 47	..	11 1	—	2	43.0	7	—36 0	30	21 2	3 35	—	1.70	8	23	..	..	..
Shawbridge	45 54	74 3	..	16 2	—	3	41 0	14	—33.0	31	18 0	—	—	—	—	—	..	..	..
Shawenegan Falls	46 34	72 43	..	8 6	+ 4 2	12	41.0	7	—26.0	30	15 9	2 70	—	0 86	7	24	..	..	..
Sherbrooke	45 24	71 53	620	17 6	+ 5 0	12	49 0	19	—30.5	30	18.5	1 86	—1 35	0 46	14	17	..	..	15
Lower St. Lawrence & Gulf																			
*Anticosti, E. Pt	49 6	61 42	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Anticosti, S.W. Pt.	49 24	63 33	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
*Anticosti, W. Pt.	49 52	64 32	30	13 6	+ 3.5	33	39.0	19	—14.0	31	—	3 17	—0 34	0 80	8	23	..	..	..
*Bicquet	48 25	68 53	..	16 7	—	34	47 0	7	—25 0	30	—	1 60	—	0 60	6	25	..	..	..
*Cape Chatte	49 6	66 45	..	17 2	+ 5 7	28	42 0	7	—19 0	30	—	0 90	—0 72	0 30	5	26	..	..	..
*Cape Magdalen	49 16	65 20	93	15 5	+ 5.0	32	45 0	7	—17 0	30	—	1 07	—1 17	0 60	6	25	..	..	.
Causapscal	48 21	67 12	450	8 9	—	2	42 5	8	—26.0	1	23 9	2 65	—	1.00	4	27	..	..	..
Father Point	48 31	68 19	20	15 1	+ 6.3	37	48 0	7	—20 0	30	13 6	1 58	—0.97	0 30	14	17	..	..	..
Harrington Harbour	50 49	59 19	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Natashquan	50 8	61 48	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
Ste Anne de la Pocatiere	47 22	70 2	65	16 5	—	4	47 6	7	—19 0	31	17 2	2.07	—	0 57	8	23	..	..	..
Tadoussac	48 10	69 47	..	12 4	—	2	43 0	7	—25 0	31	14.7	1 50	—	0 60	7	24	..	..	1
Lake St. John																			
Chicoutimi	48 25	71 5	150	7 9	+ 5.5	37	48 0	7	—34 0	31	21 0	0 57	—0 93	0 10	9	22	..	..	.
Chicoutimi (2)	48 25	71 5	..	5 0	—	4	45.0	8	—54.0	30	13 4	—	—	—	—	—	..	..	..
Mistassini	48 51	72 15	300	3 8	—	4	41 0	8	—44 0	31	21 9	2 46	—	0.80	10	21	..	..	2
Roberval	48 31	72 13	352	2 3	—	9	47 0	7	—32 9	30	16 1	—	—	—	—	—	..	..	..
Upper St. Maurice																			
La Loutre Rapids	48 23	74 18	1288	1.7	—	1	41 0	7	—48 0	30	25 7	2.22	—	0 65	14	17	..	..	..
Lake Edward	47 39	72 15	1333	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..
La Tuque	47 27	72 48	520	9 9	—	3	48 0	8	—35 0	30	22.7	2 18	—	0.97	8	23	..	..	..
The Northwestern Districts																			
Abitibi	48 33	79 22	..	7 4	+ 6 0	19	36.0	6	—37 0	29	19 1	2 35	+0.37	0.40	12	19	..	..	..
Amos	48 36	78 7	..	5 1	—	2	37.0	7	—45 0	29	19 3	2 40	—	0.74	14	17	..	..	..
Quiaze Dam	47 34	79 16	..	13.0	—	2	40 0	7	—26 0	29	18 4	1 58	—	0.72	24	17	..	..	.
Timiskaming	46 44	79 7	..	12 8	—	2	37 6	17	—18 0	29	13 2	2 89	—	0 85	5	26	..	..	..
Villa Marie	47 55	79 25	..	9 7	—	2	40 0	7	—30 0	31	13 6	1 10	—	0.30	6	25	..	..	..
White Shore Lake	48 12	76 43	1394	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..
The North Shore																			
Clarke City	50 10	66 25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
New Brunswick—																			
Chatham	47 3	65 29	21	17 0	+ 5 6	40	52 0	19	—24 0	31	19 4	2 99	—0 59	0 98	14	17	..	..	..
Dalhousie	48 4	66 22	30	13 2	+ 5 5	33	40 0	7	—20.0	30	16 5	2.70	+0.68	0 70	5	26	..	..	..
Edmunston	47 22	68 17	..	—	—	2	—	—	—	—	—	1 35	—	0 75	4	27	..	..	..
Fredericton	45 57	66 36	164	18 5	+ 6 3	43	51 0	19	—29 0	31	19 1	3 34	—0.37	1 00	13	18	..	..	..
Fredericton (Exp. Farm)	46 8	66 42	106	17 3	—	2	50.5	19	—28 0	31	14 8	2 71	—	0 82	8	23	..	..	..
Grand Falls	47 2	67 44	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..
Moncton	46 9	64 45	50	20.2	+ 4 5	17	53 0	19	—16 0	30	19 9	2 65	+0 24	0 70	8	23	..	..	..
*Point Lepreaux	45 4	66 28	30	22.2	+ 0 9	36	46 0	7	— 5 0	30	—	4 15	—0 55	2 75	5	26	..	..	6
St. John	45 17	66 4	70	24.4	+ 4 6	42	59 0	7	— 9 0	31	15 3	5 79	+1 25	1.61	13	18	..	..	4
St. Stephen	45 11	67 16	35	21.3	+ 3 7	18	53 0	19	—19.0	31	19 6	2 65	—1 45	1 04	4	27	..	..	2
Sussex	45 38	65 38	96	22.8	+ 7 7	18	54 0	20	—23 0	31	20 5	4 02	—0.53	1 40	10	21	..	..	..
Williamsburg	46 20	68 43	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..
Woodstock	46 9	67 39	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..

TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, JAN., 1915.

*Stations not furnished with Registering Thermometers

STATIONS	Latitude	Longitude	Elevation above sea level, in feet	TEMPERATURE								PRECIPITATION			Days with 0·1 or more	No. of fair days	No. of auroras	No. of thunderstorms	No. of fogs
				Mean	Difference from average	Yrs Observations	Highest	Date	Lowest	Date	Mean daily range	Amount	Difference from average	Heaviest fall in month					
NOVA SCOTIA—	°	′	′																
Advocate	45	19	64	46	....	26.9	—	3	57 0	20	— 7 0	31	15 6	6 [illegible]	—	3.10	6	25	..	..	..
Annapolis Royal	44	45	65	36	....	27.9	—	1	60 0	20	— 1.0	30	17 9	4 97	—	1.35	11	20	..	..	3
Antigonish	45	38	61	59	50	26 8	—	4	57.0	20	—14 0	5	20 4	—	—	—	—	—	..	..	..
Berwick	45	5	64	50	....	....	....	1	....	....	....	....	....	....	....	....	....	....	..	..	..
Bridgetown	44	49	65	16	20	27 3	—	6	60.0	19	— 0 5	30	15 4	4 [illegible]	—	1 60	16	15	..	..	..
Digby	44	32	65	38	.....	26 4	+ 3 0	24	57.0	20	0 0	30 31	14 2	5 [illegible]	—1 81	1 67	6	25	..	..	..
Halifax	44	39	63	36	88	24 8	+ 0.6	40	50 8	19	— 9.3	5	19 7	8 [illegible]	+2 53	1.67	18	13	..	1	5
Kentville	45	3	64	36	40	20 7	—	4	54 0	19	— 8.0	5	14 5	2 [illegible]	—	0 60	13	18	..	..	..
Kentville Exp. Farm	..	..	..	..	..	23 0	—	2	56 0	19	— 4 0	30 31	13 3	4 75	—	0.94	16	15	..	..	..
Liverpool	44	0	64	40	50	27 6	—	2	52 0	8	— 5.0	31	18 1	11 [illegible]	—	1.86	13	18	..	..	..
Middleton	44	57	65	3	....	24 8	—	1	59 0	20	— 2 0	5	18 1	5 [illegible]	—	1.75	13	18	..	..	..
Nappan	45	46	64	34	.....	21 6	—	2	53 0	19	—10.0	31	11 3	4 [illegible]	—	0 8[illegible]	9	22	..	..	..
New Germany	44	30	64	42	..	25 9	—	3	55 0	19	—12.0	5	15 5	7 54	—	2 00	9	22	..	..	..
Parrsboro'	45	23	64	19	40	22 5	+ 3 4	17	54 0	19	—15 0	31	18 0	5 95	—	2 70	7	24	..	..	..
Port Hastings	45	39	61	22	45	....	..	23	..	....	....	....	....	....	—	..	..	..	..	..	..
*Sable Island, E. Pt.	43	58	59	46	25	....	—	..	..	..	..	..	..	..	—	..	..	..	..	..	..
Sable Island (Main Station)	43	56	60	6	25	31 5	0.0	16	46 0	20	6.0	31	8.3	5.73	—1 82	1.36	14	17	..	..	4
Sutherland's River	..	..	..	..	..	....	—	2	..	..	..	..	..	..	—	..	..	..	..	..	..
Sydney	46	10	60	10	35	26 1	+ 4.0	41	52 0	20	— 6.5	31	12 2	1 9[illegible]	—5 35	0 26	14	17	..	..	..
Truro	45	22	63	18	77	24.1	+ 4.8	40	54.0	19	—10 7	5	17 1	4 [illegible]	+2 82	1 01	15	16	..	..	..
Truro (2)	45	25	63	15	..	..	—	4	..	..	..	..	..	..	—	..	..	..	..	..	..
Whitehead	45	15	61	8	20	25 4	+ 0 9	32	45 0	23	5 0	31	13 8	2 8[illegible]	—0 77	1 00	4	27	..	..	3
Windsor	44	59	64	6	90	25 0	+ 2.8	12	53 0	20	6 0	5	13 4	4.15	+1 28	0 96	14	17	..	..	..
Wolfville	45	7	64	20	135	27 0	+ 5 4	14	52.8	19	3 3	31	16 9	4 65	+0 73	1 09	15	16	..	..	..
Yarmouth	43	50	66	2	65	28 9	+ 2.3	34	50.2	19	6.1	30	12 6	5 70	+0 54	1.16	17	14	..	..	6
P. E. ISLAND—																					
Charlottetown	46	14	63	10	38	22 4	+ 3 8	39	46 0	19	—13 0	31	14 2	5 05	+1 64	0 76	16	15	..	..	..
Charlottetown (Exp. Farm)	46	14	63	7	75	21 6	—	4	48 0	20	—14 0	31	14 6	5 32	—	0 84	13	18	..	..	..
Hamilton	46	25	63	48	..	..	....	..	..	..	....	..	..	..	....	....	..	..	..	..	..
Summerside	46	18	63	51	.....	....	....	..	..	..	..	..	..	..	....	..	..	..	..	..	..
NEWFOUNDLAND—																					
*Amour Point	51	28	56	51	....	....	....	..	..	..	..	..	..	..	....	..	..	..	..	..	..
Burin	47	0	55	10	27	27 3	—	6	45 0	26	1 0	31	17 5	6 95	—	1 22	14	17	..	..	2
*Cape Norman	51	38	55	52	..	....	....	..	..	..	..	..	..	..	—	..	..	..	..	..	..
Fogo	49	43	54	17	30	....	....	..	..	..	..	..	..	..	....	..	..	..	..	..	..
*Point Riche	50	42	57	25	35	14 9	+ 2.8	32	45 0	20	17 0	31	—	0 2[illegible]	—2 46	0 20	1	3	..	..	..
Port aux Basques	47	35	59	10	27	22 0	—	6	38 5	7 29	— 6 5	31	11 3	5 31	—	2 09	19	12	..	..	2
St. George's	48	28	58	25	....	26.0	—	27	48 9	7	—14 6	31	16 4	2 88	—	0.57	15	16	..	..	2
St. John's	47	34	52	42	125	25.9	+ 1.7	42	50 0	29	2 0	31	11 0	3 12	—3 17	1 08	8	23	..	..	3
BERMUDA—																					
Prospect	32	17	64	46	151	63 5	+ 0 9	24	74 4	2	53 4	18	11 1	2 82	—2 08	1.00	13	18	..	..	..

PRECIPITATION AT STATIONS REPORTING RAIN, SNOW, WEATHER, &c., DURING JAN., 1915.

STATIONS.	RAINFALL. Amount in inches.	No. of Days .01 or over.	No. of Fair Days.	Heaviest Fall in Month.	Date.	SNOWFALL. Amount in inches.	No. of Days.	Heaviest Fall in Month.	Date.	REMARKS
British Columbia—										
Alkali Lake										
Annis (Canoe Point)	1.01	6	17	0.34	12	11.7	8	4.3	10	
Beaver Lake (Royal Oak)	2.13	14	17	0.51	7					
Coquitlam	6.82	10	21	2.54	10					
Cortez Island	3.60	10	21	0.79	31					
Denman's Island	6.09	14	16	0.86	2	2.0	1	2.0	14	
Ferguson	0.00					54.0	13	11.0	11	
Goldstream Lake	3.50	14	17	0.81	10					
Hornby Island	5.48	11	29	1.97	9	0.1	1	0.1	13	
Hydraulic										
Invermere	0.00					4.3	4	1.8	26	
Jordan River	5.11	14	17	1.01	2					
Jordan River (Bear Creek)	6.93	14	14	1.27	8	1.3	5	1.0	12	
Little Qualicum(Fr.Cr.V.I.)	3.07	8	23	0.75	10					
Lumby	0.00					9.8	10	2.5	3	
Naas Harbour	8.98	17	14	2.85	18	3.5	2	2.5	14	
Queen Charlotte City	7.41	21	10	1.37	17					
Rock Creek	0.00					12.8	8	3.0	18–13	
Sandwick	6.64	14	17	1.51	10	2.0	1	2.0	13	
Sooke Lake	4.22	11	20	1.04	7					
Stamps Falls (Alberni)										
Wychffe										
Alberta—										
Bardo										
Beaver Mines	0.00					10.5	2	6.0	19	
Bismark	R					2.1	1	2.1	12	
Bittern Lake	0.00					5.5	4	2.3	19	
Brooks	0.00					3.5	3	2.0	11	
Bruederheim										
Caldwell (Spring Hill)	0.00					14.5	5	9.0	21	
Clareholme	0.00					6.0	3	3.9	23	
Clarinda	0.00					10.0	3,	4.0	20	
Coalspur										
Coleman	0.00					5.5	4	3.0	20	
Conjuring Creek										
Cree Bank Ranch (Cowley)	0.00					10.5	6	4.0	4	
Dorenlee (Bashaw)										
Dunstable (Five Lakes)	0.00					4.9	7	3.1	19	
Grassy Lake	0.00					2.5	3	1.0	14–24	
Jumping Pound										
Kinnaird										
La Pearl										
Lathbridge	0.00					7.5	5	2.5	26	
Lineham	0.00					14.3	3	6.3	26	
Lyadon	0.00					5.2	3	3.0	25	
Macleod										
Mayeroft	0.00					9.1	5	3.1	26	
Mountain View	0.00					9.0	3	6.0	21	
Nanton	0.00					10.0	4	4.0	26	
Nateby										
Ponoka	0.25	2	24	0.20	18	8.6	5	2.6	6–25	
Roycroft Ranch (Manaville)										
Seven Persons	0.00					4.5	5	1.3	28	
Waterton Mills	0.00					20.0	5	8.0	4	
Saskatchewan—										
Fort a la Corne	0.00					1.0	3	0.5	12	
Glaslwin	0.07					5.0	2	4.0	13	
Gull Lake	0.00					4.0	2	3.0	19	
Gull Lake (Fks. Swift Cur.)	0.00					3.5	3	2.0	20	
Macdonald(Pine Forest Res)	0.00					1.3	3	0.5	13–20	
Wapashoe										
Manitoba—										
Cartwright	0.00					5.8	6	2.7	13	
Deloraine										
Rapid City										
Ontario—										
Bow Park Farm(Brantford)										
Deer Park	0.55	2	22	0.52	6	25.0	7	9.5	22	
Dutton										
Emsdale	0.53	2	21	0.50	7	17.0	8	5.5	19	
Fort Frances										
Grand Valley										
Grantham	0.67	3	19	0.60	7	10.8	9	3.0	20–23	
Lac Seul Post	0.00					1.5	2	1.0	13	
Long Lake (Zeta)										
MacCue	3.51	3	25	2.79	7	16.0	3	6.0	31	
NiagaraFalls	2.95	4	25	1.50	31	13.0	2	8.0	24	
Nipigon										
Rock Chapel (Grimsby)	0.88	3	24	0.60	7	25.5	4	9.5	23	
Strathroy										
Sudbury	0.93	3	22	0.33	7 17	4.3	7	2.5	2	
Sydenham	2.43	2	25	1.50	6	13.0	4	6.0	23	
Watford	0.80	3		0.35	17	Not Measured				
Wawaitin Falls										
Westminster	1.78	1	25	1.78	7	24.0	5	9.0	25	
Westport	0.00					6.3	3	3.0	23	
White Fish	0.00					8.4	8	3.0	6	
Wiarton	0.57	2	21	0.30	7	20.0	8	5.0	2–19	

PRECIPITATION AT STATIONS REPORTING RAIN, SNOW, WEATHER, &c., DURING JAN., 1915.

STATIONS	RAINFALL					SNOWFALL				REMARKS
	Amount in inches	No. of Days .01 or over.	No. of Fair Days	Heaviest Fall in Month	Date	Amount in inches	No. of Days.	Heaviest Fall in Month	Date	
QUEBEC—										
Kipawa Dam										
Lucerne	2 95	2	23	2 28	6	20 3	6	6	2	
Point Madelene (Grandes Piles)										
Perkins Mills	0 27	2	23	0 17	6	15 5	6	[illegible]	2	
Quinze Dam										
NEW BRUNSWICK—										
Point Escuminac	1 15	2	25	1 04	20	15 5	4	5 3	25	
NOVA SCOTIA—										
Milton										
South Alton										
White Rock										

PRESSURE, HUMIDITY, CLOUDINESS AND WIND AT STATIONS OF THE FIRST CLASS DURING THE MONTH OF JAN., 1915.

a Barometer not reduced to sea level

STATION	Latitude N.	Longitude W.	Elevation above sea level, in feet.	Pressure. Mean reduced.	Highest	Lowest.	Range.	Mean relative humidity	Mean amount of cloud.	No. of days completely clouded.	Direction of Wind from N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	C.	Total number of observations	Velocity of Wind. Mean miles per hour.	Maximum velocity.	Date and direction from.
BRITISH COLUMBIA—	°	°	'																				
Atlin	59	35 133 38	2210	29 80	30.86	29 24	1 62	—	6	8	0	10	4	13	5	0	9	3	27	62	5.0	28	17SW
Barkerville	53	2 121 35	4180	29 86	30.48	29.39	1 09	—	5	9	0	9	0	0	0	5	0	0	57	62	....	....	....
Entrance Island	49	12 123 58	..	29 91	30.47	29 29	1 18	—	8	10	0	0	24	0	9	0	29	0	0	62	14 8	48	10E
Kamloops	50	42 120 29	1245	30 05	30 58	29 44	1 14	86	6	7	0	1	16	1	15	3	3	0	23	62	1 8	9	4S
a Nanaimo	49	10 123 37	125	29 91	30 49	29 30	1 19	—	6	11	0	0	0	12	5	3	2	10	30	62	....	....	....
Prince Rupert	54	18 130 18	170	29 70	30.33	29 12	1 20	81	7	17	0	4	21	5	4	0	1	6	27	62	....	....	....
a Tranquille	50	41 120 29	..	28.73	29 27	28.21	1 06	80	6	3	10	8	8	4	1	0	3	1	27	62	3 5	16	15W
Triangle Island	50	52 129 5	680	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Vancouver	49	17 123 5	136	29 95	30 52	29 31	1.21	90	7	11	2	8	13	4	1	0	6	2	25	62	2 8	18	14W
Victoria	48	24 123 19	85	29.94	30 52	29 26	1 26	87	7	8	26	10	4	10	3	4	3	2	0	62	13 0	48	31SE
YUKON—																							
Dawson	64	4 139 20	1200	29 79	30.82	29 29	1.53	—	7	14	13	6	0	0	2	0	0	1	46	62	....	....	....
ALBERTA—																							
Banff	51	10 115 34	4542	30.01	30.59	29.39	1 20	72	5	9	0	4	0	2	1	22	11	3	19	62	....	....	20-
Calgary	51	2 114 2	3389	29 94	30.47	29 32	1 15	88	3	0	4	4	0	3	2	3	2	27	17	62	3.2	16	21NW
Edmonton	53	33 113 30	2158	29 93	30.61	29 38	1 23	82	5	5	5	3	2	0	11	16	4	7	14	62	3.7	18	20NW
Medicine Hat	50	1 110 37	2161	29.98	30 52	29.27	1 25	93	6	2	6	0	1	0	2	16	17	4	16	62	....	....	.. ..
SASKATCHEWAN—																							
Battleford	52	41 108 20	1620	30.00	30.55	29 43	1.12	—	4	5	0	0	4	12	0	2	4	10	30	62	....	....	.... ..
Moose Jaw	50	21 105 35	1759	30 05	30 58	29.32	1.26	99	3	0	9	1	11	1	1	8	14	9	39	93	....	....	....
Prince Albert	53	10 106 0	1432	29 95	30 50	29 42	1 08	94	4	0	1	1	6	3	1	3	16	3	28	62	....	....	19NW
Qu'Appelle	50	30 103 47	2115	29 92	30 47	29 23	1 24	90	5	9	3	1	1	4	11	9	8	17	8	62	8 3	28	18W
Swift Current	50	20 107 45	2439	29.98	30 51	29 30	1 21	89	4	1	1	1	3	2	0	33	7	12	3	62	9.5	27	19NW
MANITOBA—																							
Le Pas	53	49 101 15	860	30 07	30.51	29 50	0 99	93	7	17	3	4	3	5	6	5	21	14	1	62	6.3	27	10W
Minnedosa	50	15 99 50	1699	30.04	30 57	29 22	1 35	96	4	6	0	2	2	5	1	1	2	23	26	62	....	....	....
Winnipeg	49	53 97 7	760	30 07	30.55	29 23	1.32	96	6	8	10	0	2	22	13	3	9	21	13	93	8 1	29	13NW
ONTARIO—																							
Cochrane	49	2 81 0	946	30.10	30 69	29 23	1 48	—	7	15	6	0	3	8	17	1	7	14	6	62	2 0	23	5S
Haileybury	47	29 79 39	687	30 09	30 67	29 02	1 65	92	8	14	6	2	0	8	19	4	1	15	7	62	....	....	....
Kingston	44	13 76 29	285	30 12	30 53	29 25	1 28	84	8	12	6	12	4	6	3	19	6	4	2	62	11.0	35	7-18
a Lindsay	44	20 78 45	872	29 09	29 50	28 36	1 14	—	7	9	8	6	10	9	16	17	9	10	8	93	....	....	SW
London	42	59 81 13	808	30.04	30 53	29.34	1 19	90	7	10	0	29	2	21	0	10	1	31	0	94	....	....	....
Ottawa	45	26 75 42	294	30 11	30.54	29 14	1 40	95	7	9	4	8	14	1	0	7	15	12	1	62	....	....	....
Parry Sound	45	19 80 0	535	30.06	30 59	29 24	1 25	90	8	17	3	9	2	17	2	12	2	14	1	62	8 5	36	7SW
Port Arthur	48	27 89 12	644	30.02	30 53	29 30	1.23	83	6	9	20	5	2	2	9	1	28	21	5	93	8.6	32	1NW
Port Stan. y	42	40 81 13	592	30.10	30 69	29 49	1 11	89	7	14	1	5	5	8	1	5	15	8	15	62	....	....	....
Southamp n	44	30 81 21	656	30.06	30 52	29 31	1 21	93	9	23	5	11	16	3	8	4	11	3	1	62	12 5	37	7W
Stonecliff	46	9 78 6	557	30 12	30 64	29 17	1 47	—	7	12	4	2	19	6	4	4	18	3	2	62	3 5	16	2N.18W
Toronto	43	40 79 24	350	30 10	30 56	29.36	1.20	88	7	11	9	8	3	1	12	5	18	6	0	62	13 0	41	7SW
White River	48	35 85 16	1252	29 99	30.57	29 27	1 30	—	7	17	15	0	3	0	8	7	5	7	17	62	5.1	21	13SW
Woodstock	43	8 80 47	980	30.13	—	—	—	79	—	—	2	6	9	9	7	35	12	13	0	93	10.7	30	7 8W
QUEBEC—																							
Anticosti S W. Pt.	49	24 63 35	30	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Father Point	48	31 68 19	20	30.08	30.55	29.33	1.22	78	6	7	3	5	3	7	5	21	6	11	1	62	13.3	41	23SE
Harrington Harbour	50	40 59 19	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Montreal	45	30 73 35	187	30 11	30 55	29 22	1 33	67	6	11	2	12	4	2	13	19	27	12	2	93	13 3	....	....
Quebec	46	48 71 13	293	30.10	30 69	29 17	1 42	80	7	11	2	21	7	0	1	24	32	1	5	93	....	44	25NE
Sherbrooke	45	32 72 5	620	30 15	30.60	29.23	1.37	79	6	6	3	0	2	11	24	15	23	15	0	93	....	32	25W
NEW BRUNSWICK—																							
Chatham	47	3 65 29	21	30.13	30 63	29 38	1 25	73	5	7	3	6	10	0	0	14	23	6	0	62	....	....	....
Fredericton	45	57 66 36	164	30 14	30.66	29 40	1.26	85	6	8	6	8	4	13	2	7	18	24	9	93	6 9	26	29NW
St. John	45	17 66 4	70	30 11	30.61	29.47	1 14	78	6	12	11	6	1	7	13	9	11	33	2	93	14.0	40	13NW
NOVA SCOTIA—																							
Halifax	44	39 63 36	88	30 11	30 62	29 63	0.99	91	7	12	10	14	8	0	1	2	15	11	1	62	12 7	51	24W
Sable Island (MStation)	43	57 60 6	25	30.13	30.64	29 35	1.29	—	8	14	5	18	2	10	10	20	19	9	0	93	23.6	75	13NE
Sydney	46	10 60 10	35	30 09	30 68	29 41	1.27	86	9	20	8	12	7	2	2	11	22	26	3	93	....	....	....
Truro	45	22 63 18	77	30 12	30.64	29 61	1.03	—	7	12	11	0	7	5	13	9	18	13	7	93	....	....	....
Truro (2)	45	25 63 15	..	....	....	....	—	—	—	—	....	....	....	....	....	....	....	....	....	....	....	....	....
Wolfville	45	7 64 20	135	30.13	30 59	29 56	1.03	84	6	13	6	8	7	3	11	10	10	7	2	62	10.9	42	18S
Yarmouth	43	50 66 2	65	30.12	30.61	29 46	1 15	84	7	15	11	7	7	5	5	7	3	15	2	62	13 6	40	19S
P. E. ISLAND																							
Charlottetown	46	14 63 10	38	30 10	30 62	29 57	1 05	85	7	13	5	13	3	1	8	11	5	11	5	62	9 0	30	7SW
NEWFOUNDLAND																							
Burin	47	0 55 10	27	30.04	30.70	28 93	1.77	—	8	19	3	9	2	3	1	14	10	20	0	62	....	....	....
Fogo	49	43 54 17	30	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Port aux Basques	47	35 59 10	27	30.04	30 68	29 18	1.50	—	8	13	6	9	6	3	4	2	11	21	0	62	....	....	....
St. George's	48	27 58 31	21	30 08	30.67	29 24	1 43	—	8	11	5	3	10	7	2	6	6	23	0	62	....	....	....
St. John's	47	34 52 42	125	29.91	30 55	29 01	1 54	—	7	16	11	9	1	3	11	6	5	11	5	62	....	....	....
BERMUDA																							
Prospect	32	17 64 46	151	30.17	30.57	29 50	1 07	78	7	4	12	16	9	4	24	8	5	14	1	93	....	....	.... ..

FREQUENCY OF THE WIND FROM THE EIGHT CARDINAL POINTS AT STATIONS OF THE SECOND CLASS, DURING THE MONTH OF JANUARY, 1915

STATION	DIRECTION OF WIND FROM									Total number of Observations
	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	C.	
BRITISH COLUMBIA—										
Boswell	26	0	0	0	35	0	0	0	1	62
Chinook Cove	15	0	1	1	9	0	4	6	26	62
Gateway	0	0	0	1	15	12	19	20	0	67
Hope	0	0	50	0	0	0	10	0	0	60
Ikeda Bay	10	1	0	20	1	2	6	11	11	62
Mary Island	0	0	0	21	0	0	0	41	0	62
Massett	5	13	0	22	1	1	0	20	0	62
Pemberton Meadows	3	3	0	0	0	11	6	8	0	31
Sidney	8	2	1	10	4	1	5	31	0	62
Tappen	11	2	3	8	1	3	1	3	6	38
Ucluelet	2	0	0	12	1	0	0	4	10	29
ALBERTA—										
Athabasca Landing	1	3	1	7	2	7	6	4	0	31
Beaver Lodge	2	3	5	3	3	6	10	30	0	62
Claresholm	5	1	0	1	2	3	2	1	18	31
Delia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Didsbury	0	0	0	2	0	14	0	15	0	31
Halkirk (Emsburg)	2	0	0	8	13	16	5	18	0	62
Hillsdown	1	0	0	7	3	5	3	19	24	62
Lacombe	10	0	1	14	20	1	8	8	0	62
Loveland	2	2	4	9	4	13	16	12	0	62
Macleod	0	4	5	2	1	11	35	0	4	62
Pekisko	0	2	4	0	0	0	22	4	0	31
Ranfurly (Waitefield)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sion	5	2	2	40	16	12	14	3	0	94
Twin Lakes	2	1	0	1	1	12	4	4	6	31
SASKATCHEWAN—										
Brownhill (Grenfell)	1	6	1	8	6	21	0	17	0	60
Chaplin	0	0	4	16	6	0	34	1	1	62
Crescent Lake	4	0	0	4	12	18	10	9	5	62
Estevan	0	1	1	1	0	13	6	5	4	31
Fort Qu'Appelle	0	0	10	11	1	2	29	6	3	62
Indian Head	6	2	10	6	21	19	7	19	3	93
Kamsack	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Klintonel (Divide)	8	1	2	0	3	2	25	21	0	62
Larchmount (Pambrum)	1	4	2	1	1	24	9	20	0	62
Muenster (St. Peter's Monastery)	3	3	2	6	4	17	18	9	0	62
Onion Lake	5	2	10	2	0	1	5	6	0	31
Pense (Gatesgarth)	0	1	0	12	0	0	5	13	0	31
Waseca	1	0	0	7	0	3	10	10	0	31
Yarbo (Fairfield)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
MANITOBA—										
Brandon	0	5	10	4	1	11	30	14	7	82
Hillview	0	11	0	3	0	16	0	63	0	93
Moose Horn Bay (Aitkensville)	12	6	1	4	15	0	4	10	10	62
Morden	11	0	3	5	7	5	11	9	11	62
Oak Bank	15	0	0	2	12	11	6	10	6	62
Stony Mountain	12	0	0	11	11	10	4	10	0	58
ONTARIO—										
Agincourt	6	9	9	3	4	24	20	14	4	93
Alton	9	3	12	2	9	2	52	4	0	93
Beatrice	0	0	2	18	11	2	4	10	43	93
Birnam	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brucefield	0	5	2	15	16	8	10	6	0	62
Cottam	14	0	2	11	7	7	15	6	0	62
Gravenhurst	10	0	11	26	14	7	2	9	14	93
Guelph	2	7	3	9	3	26	13	20	10	93
Midland	6	9	15	9	9	12	20	3	0	93
North Bruce	12	1	11	18	14	9	18	7	0	93
Orillia	0	2	0	1	3	4	4	0	1	15
Oshawa	1	2	9	0	0	1	13	5	0	31
Port Dover	11	9	9	2	13	3	11	4	0	62
Providence Bay	0	15	1	2	2	8	1	2	0	31
Savanne	3	0	0	2	1	7	6	10	2	31
Sioux Lookout	3	1	1	4	3	8	6	3	0	31
Stoney Creek	3	1	6	3	4	49	10	9	0	90
Sundridge	8	1	0	0	13	1	0	4	4	31
Wexford	1	2	5	1	1	2	5	7	7	31

FREQUENCY OF THE WIND FROM THE EIGHT CARDINAL POINTS AT STATIONS OF THE SECOND CLASS, DURING THE MONTH OF JANUARY, 1915

STATION	DIRECTION OF WIND FROM									
	N.	N.E.	E.	S.E.	S	S.W.	W.	N.W.	C.	Total number of Observations
QUEBEC—										
Abitibi	20	1	21	7	19	3	15	7	0	93
Anticosti, Heath Point	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Anticosti, West Point	20	8	15	4	20	1	8	17	0	93
Bicquet	4	9	2	0	25	17	9	22	5	93
Brome	5	1	6	0	16	8	55	2	0	93
Cape Chatte	1	0	8	0	1	2	33	0	48	93
Cape Magdalen	2	2	5	2	32	1	3	40	6	93
Cap Rouge	12	7	0	0	0	0	0	12	0	31
Chicoutimi	0	25	2	1	0	0	2	37	26	93
La Loutre Rapids	0	0	2	19	0	0	2	19	20	62
Sorel	0	13	8	2	0	15	9	13	2	62
NEW BRUNSWICK—										
Dalhousie	1	1	5	2	3	0	15	1	3	31
Moncton	0	5	1	4	0	2	2	17	0	31
Pt. Lepreaux	12	18	4	4	1	17	8	14	0	78
Sussex	1	4	0	0	1	3	2	4	16	31
NOVA SCOTIA—										
Bridgetown	4	2	4	6	3	1	1	4	37	62
Kentville	2	6	9	5	11	4	16	9	0	62
Kentville (Exp. Farm)	2	4	4	2	5	5	9	0	0	31
Liverpool	1	3	9	2	0	2	4	10	0	31
Middleton	11	1	8	5	3	4	10	11	3	56
Sable Island, E. Pt.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Whitehead	9	2	4	2	1	8	0	5	0	31

MEAN PROPORTION OF BRIGHT SUNSHINE REGISTERED IN EACH HOUR OF THE DAY IN THE MONTH OF JAN 1915

STATION.	Hours Ending																
	4 a.m.	5 a.m.	6 a.m.	7 a.m.	8 a.m.	9 a.m.	10 a.m.	11 a.m.	Noon	1 p.m.	2 p.m.	3 p.m.	4 p.m.	5 p.m.	6 p.m.	7 p.m.	8 p.m.	9 p.m.
British Columbia																		
Shawnigan Lake					.01	.22	.24	.33	.34	.31	.2[illegible]	.[illegible]	.11	..		..		...
Victoria					.02	.22	.29	.33	.4[illegible]	.46	.4[illegible]	.[illegible]	.[illegible]	.01		..		...
Salmon Arm					..	.02	.06	.07	.15	.20	.29	.[illegible]	.16	.....		..		..
Nanaimo						...	..	..	...		...			...		..		....
Sidney				..	.01	.24	.30	.33	.33	.38	.[illegible]	.[illegible]	.[illegible]	..		..		.....
Vancouver				..	..	.04	.18	.23	.26	.24	.[illegible]1	.37	.[illegible]	.21		..		..
Agassiz				....		.01	.23	.38	.37	.4[illegible]	.[illegible]4	.[illegible]3	.17	.				..
Tranquille				.. ..	.01	.07	.16	.24	.35	.48	.[illegible]	.47	.[illegible]	.		.		...
Summerland				..	...	.16	.23	.25	.28	.32	.[illegible]	.[illegible]	.[illegible]	.		.		....
Kelowna					...	...	...	.	...		...							..
Kamloops					...		.		..	.....								
Invermere					...	..	.04	.13	.23	.34	.37		.4	.				
Alberta																		
Edmonton				...	..	.10	.31	.37	.45	.53	.5[illegible]	.[illegible]	.[illegible]	T				..
Lethbridge			..	...	....	.19	.43	.51	.56	.54	.[illegible]3	.44	.[illegible]	.16				
Lacombe				...	.02	.15	.33	.31	.37	.39	.[illegible]0	.[illegible]	.[illegible]7	.				
Medicine Hat				...	....	.12	.30	.43	.54	.52	.4[illegible]	.41	.25	.				..
Fort Dunvegan					....	..	.03	.08	.12	.22	.[illegible]9	.[illegible]5	.[illegible]4					....
Fort Vermilion				..	....	..	.10	.20	.32	.42	.39	.[illegible]2	.[illegible]9					
Saskatchewan																		
Battleford				...	.01	.18	.57	.70	.81	.81	.[illegible]71	.[illegible]57						
Qu'Appelle				....	.....	.17	.40	.55	.52	.5[illegible]	.[illegible]4	.[illegible]0	.11					
Indian Head				....	.....	....	.01	.11	.22	.28	.[illegible]31	.[illegible]1	.[illegible]05					
Moosejaw				.....	.01	.25	.46	.54	.59	.58	.[illegible]5[illegible]	.[illegible]4[illegible]	.[illegible]3					
Scott				...	..	.10	.39	.54	.54	.58	.[illegible]4[illegible]	.[illegible]2	.[illegible]09					
Rosthern				....	T	.16	.28	.44	.49	.5[illegible]	.[illegible]48	.[illegible]2	.41	.05				
Swift Current					T	.19	.51	.57	.57	.53	.[illegible]5[illegible]	.54	.37	.03				
Manitoba																		
Brandon				...	.08	.33	.37	.45	.54	.55	.5[illegible]	.[illegible]4	T					
Winnipeg				....	....	.03	.18	.30	.39	.40	.4[illegible]	.4[illegible]	.34	.07				
Le Pas				....	.....	.03	.23	.34	.34	.33	.[illegible]	.[illegible]4	.[illegible]0	.02				
Ontario																		
Halleybury				....	.02	.15	.28	.33	.33	.34	.[illegible]34	.[illegible]1	.22	.03				
Woodstock			..	...	T	.08	.20	.35	.42	.32	.[illegible]1[illegible]	.[illegible]4	.18	.03				
Lindsay				....	.....	..	.09	.22	.24	.31	.[illegible]2[illegible]	.[illegible]8	.28	.14				
Barrie				..	.02	.10	.22	.37	.37	.[illegible]1	.[illegible]2[illegible]	.[illegible]0[illegible]	.[illegible]1					
Guelph				..	T	.10	.2[illegible]	.[illegible]7	.34	.3[illegible]	.[illegible]2[illegible]	.[illegible]2[illegible]	.[illegible]7	.13				
Toronto				...	.....	.09	.[illegible]0	.37	.37	.42	.[illegible]2	.[illegible]1	.[illegible]2[illegible]	.08				
Kingston				....	.03	.11	.22	.[illegible]8	.[illegible]6	.[illegible]8	.[illegible]31	.[illegible]2[illegible]	.16	.[illegible]3				
Ottawa				..	.01	.17	.34	.34	.3[illegible]	.[illegible]45	.[illegible]41	.[illegible]4[illegible]	.23	.[illegible]2				
Quebec																		
Montreal				....	.01	.18	.[illegible]4	.45	.49	.48	.[illegible]4[illegible]	.[illegible]3[illegible]	.[illegible]2[illegible]	.01				
Cap Rouge						.01	.[illegible]9	.15	.24	.[illegible]3	.[illegible]0	.[illegible]1[illegible]	.[illegible]20	T				
Quebec				....	..	.08	.21	.27	.34	.35	.[illegible]3[illegible]	.[illegible]3[illegible]	.26	.01				
Ste Anne de la Pocatiere				....	T	.14	.21	.25	.27	.40	.[illegible]41	.[illegible]4[illegible]	.[illegible]4	.[illegible]1				
Sherbrooke			..			.03	.24	.46	.48	.38	.[illegible]4[illegible]	.[illegible]3[illegible]	.22					
Lennoxville				....	T	.12	.32	.50	.50	.47	.[illegible]4[illegible]	.[illegible]4[illegible]	.[illegible]20					
New Brunswick																		
Fredericton				.	.04	.31	.48	.50	.49	.47	.[illegible]4[illegible]	.[illegible]4	.35	.[illegible]6				
Prince Edward Island																		
Charlottetown					.04	.14	.27	.41	.39	.[illegible]1[illegible]	.[illegible]3[illegible]	.[illegible]3[illegible]	.25	.[illegible]5				
Nova Scotia																		
Nappan					.	.20	.26	.26	.[illegible]0	.[illegible]2[illegible]	.[illegible]1[illegible]	.[illegible]3[illegible]	.[illegible]2[illegible]	.[illegible]6				
Wolfville						.20	.26	.26	.2[illegible]	.30	.4[illegible]	.[illegible]3[illegible]	.[illegible]2[illegible]	.[illegible]6				
Kentville						.15	.27	.25	.27	.[illegible]1	.4[illegible]	.[illegible]5[illegible]	.20	.04				

SUMMARY OF SUNSHINE RECORDS

JAN., 1915	Shawnigan Lake	Victoria.	Salmon Arm.	Sidney	Vancouver	Agassiz	Tranquille.	Summerland.	Kelowna.	Invermere	Edmonton.	Lethbridge.	Lacombe.	Medicine Hat.	Fort Dunvegan	Fort Vermilion	Battleford.	Qu'Appelle	Indian Head	Moose Jaw.	Scott.	Rosthern.	Swift Current.	Brandon.	Winnipeg.	Le Pas	Haileybury.	Woodstock.	Lindsay.	Barrie	Guelph	Toronto.	Kingston.	Ottawa.	Montreal	Cap Rouge.	Quebec.	Ste. Anne de la Pocatiere	Sherbrooke	Leanoxville	Fredericton.	Charlottetown.	Nappan	Wolfville	Kentville
Registered duration in hours	64	83	41	70	58	70	76	63	...	45	95	112	73	94	27	57	126	96	7	112	89	104	118	99	81	60	73	73	53	64	69	78	70	87	93	53	73	78	79	92	112	73	75	73	73
Percentage of possible duration	23	30	16	26	21	26	29	23	...	18	38	42	27	35	11	26	49	36	14	42	35	41	45	37	31	24	26	25	20	22	24	27	24	31	36	19	26	28	28	33	41	26	27	26	26
Difference from average	—	+10	—	—	—	+ 8	—	—	...	—	—	—	—	—	—	—	+ 8	—	−19	—	—	—	—	−4	−10	—	—	+ 4	— 5	+ 2	—	0	— 3	+ 1	+ 2	—	— 5	—	—	—	+ 2	—	—	—	—
Maximum percentage in one day	81	90	64	78	73	72	80	80	...	59	91	93	82	84	81	90	80	84	64	88	88	97	90	95	91	81	91	78	73	77	85	85	81	82	94	79	83	91	83	81	94	94	97	92	93
Date of maximum	24	25	3	21	22-25	15	21	21	...	30	4	6	30	31	29	18	30	29	29	29	31	10	28	13	1	27	30	29	24	24	28	30	13	13	13	3	3	26	13	13	30	30	1	9	1
Number of days completely clouded	15	9	17	11	16	13	4	14	...	13	10	8	12	6	19	11	5	7	19	6	12	10	4	8	11	16	14	10	12	10	10	9	13	8	8	10	9	8	8	9	12	11	10	9	9

Auroras Recorded:

1. Winnipeg. Minnedosa I.
2.
3.
4. Sion IV., Fort Vermilion.
5. Hardisty, Sion IV., Edmonton IV., Campsie IV.
6. Halkirk. Sion III.
7. Clemens.
8.
9.
10. Hardisty.
11. Sion IV.
12. Minnedosa IV., Schreiber IV.
13. Beaver Lodge IV., Hillsdown IV., Sion II., Hamiota, Campsie IV.
14. Hardisty, Perbeck, Sion III., Campsie III., Schreiber III.
15.
16. Sion IV.
17. Sion IV., Port Arthur I.
18.
19.
20. Sion IV.
21. Sion IV.
22. Hardisty, Sion IV.
23.
24.
25. Crescent Lake IV.
26. Sion IV.
27.
28. Sion IV.
29.
30.
31.

FORECASTS FOR JANUARY, 1915

The forecasts issued by this office at 11 p.m. each night, are posted up at every telegraph station in Canada, and are for the 24 hours beginning at 8 a.m. the following day.

The number of these predictions issued during the month was 1241. These were divided as follows :

District	No. Issued	Verified. No. Fully.	No. Partly	No. Not	Per-centage.
Alberta	81	64	10	10	82 1
Saskatchewan	88	72	11	5	87 8
Manitoba	89	76	9	4	90.5
Lake Superior	101	74	15	12	80.7
Lower Lake Region	113	89	17	7	86 5
Georgian Bay	112	88	17	7	86 1
Ottawa Valley	104	74	15	15	77.4
Upper St. Lawrence	104	77	16	11	81 6
Lower St. Lawrence	164	73	18	13	78 8
Gulf	107	76	21	10	80 8
Maritime Provinces West	118	90	21	7	85 1
Maritime Provinces East	117	90	20	7	85.5
Total	1241	943	190	108	83 6

In order to obtain the percentage of verification of the predictions, the number partly verified is divided by two and added to the number fully verified, and the result divided by the total number issued.

In ascertaining to what extent the predictions have been verified, the reports from the agents at all observing stations, as well as the telegraphic reports, are used.

R. F. STUPART, Director.

Meteorological Office, Toronto,
February 22nd, 1915.